

ZONA DE PROTEÇÃO ESPECIAL 1  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

108	177165.34575	8279653.34416
109	177291.02309	8279686.41715
110	177403.47123	8279712.87553
111	177515.91938	8279726.10472
112	177582.06534	8279739.33392
113	177654.82590	8279726.10472
114	177767.27405	8279666.57336
115	177873.10759	8279587.19820
116	177978.94114	8279527.66683
117	178091.38928	8279428.44788
118	178203.83742	8279335.84352
119	178276.59799	8279236.62458
120	178349.35855	8279117.56184
121	178422.11911	8279011.72829
122	178461.80669	8278892.66555
123	178448.57750	8278786.83201
124	178402.27532	8278667.76927
125	178342.74395	8278614.85249
126	178276.59799	8278548.70853
127	178144.30805	8278575.16491
128	178058.31630	8278595.00870
129	177985.55573	8278561.93572
130	177926.02437	8278396.57081
131	177853.26380	8278270.89347
132	177800.34703	8278171.67452
133	177707.74268	8278118.75775
134	177548.99236	8278026.15339
135	177436.54422	8277960.00743
136	177304.25228	8277874.01767
137	177138.88737	8277834.33009
138	177006.59544	8277814.48630
139	176887.53270	8277788.02792
140	176649.40722	8277702.03816
141	176444.35472	8277596.20462
142	176292.21900	8277510.21486
143	176126.85409	8277424.22510
144	175974.71836	8277338.23535
145	175855.65562	8277298.54777
146	175743.20748	8277252.24559
147	175643.98853	8277212.55801
148	175505.08200	8277159.64124
149	175399.24846	8277133.18285
150	175273.57112	8277133.18285
151	175134.66459	8277139.79745
152	175015.60185	8277139.79745
153	174850.23694	8277086.98068
154	174698.10122	8277014.12011
155	174565.80929	8276974.43253
156	174387.21518	8276934.74495
157	174215.23566	8276901.67197
158	174063.09994	8276881.82818
159	173950.65180	8276848.75520
160	173944.03720	8276795.83842
161	173977.11019	8276762.76544

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162	173990,33938	8276716,46327
163	174102,78752	8276643,70270
164	174056,48535	8276564,32754
165	174010,18317	8276504,79617
166	173937,42261	8276425,42101
167	173877,89124	8276365,88964
168	173877,89124	8276285,51449
169	173924,19341	8276207,13933
170	174109,40212	8276213,75392
171	174182,16268	8276154,22255
172	174254,92324	8276160,83715
173	174367,37139	8276246,82691
174	174453,36114	8276332,81666
175	174559,19469	8276398,96263
176	174631,95525	8276346,04585
177	174724,55960	8276319,58747
178	174837,00775	8276279,89989
179	174949,45589	8276266,67070
180	175048,67484	8276207,13933
181	175061,90403	8276134,37876
182	175061,90403	8276041,77441
183	175035,44564	8275909,48248
184	175015,60185	8275750,73216
185	175028,83105	8275677,97160
186	175214,03975	8275684,58619
187	175425,70685	8275691,20079
188	175624,14474	8275750,73216
189	175677,05152	8275717,65918
190	175716,74910	8275625,05482
191	175729,97829	8275539,06507
192	175716,74910	8275466,30451
193	175544,76958	8275373,70015
194	175485,23821	8275300,93959
195	175498,46741	8275181,87635
196	175498,46741	8275076,04330
197	175452,16523	8274956,98057
198	175405,86306	8274910,67839
199	175359,56088	8274884,22000
200	175154,50838	8275009,89734
201	175008,98726	8275115,73088
202	174929,61210	8275162,03306
203	174850,23694	8275195,10504
204	174790,70557	8275195,10504
205	174737,78880	8275095,88709
206	174691,48662	8274890,83460
207	174631,95525	8274646,09452
208	174565,80929	8274467,50042
209	174539,35090	8274374,89606
210	174506,27792	8274269,06252
211	174440,13195	8274176,45817
212	174393,82977	8274110,31220
213	174321,06921	8274044,16623
214	174228,46486	8273978,02027
215	174188,77728	8273898,64511

ZONA DE PROTEÇÃO ESPECIAL I  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

216	174162.31889	8273806.04075
217	174155.70430	8273746.50939
218	174208.62107	8273667.13423
219	174294.61082	8273500.98826
220	174400.44437	8273528.22770
221	174559.19469	8273468.69633
222	174737.78880	8273409.16496
223	174896.53912	8273349.63359
224	174889.92452	8273276.87303
225	174817.16396	8273217.34166
226	174764.24718	8273104.89351
227	174684.87202	8273018.90376
228	174631.95525	8272952.75779
229	174552.58009	8272919.68481
230	174400.44437	8272939.52860
231	174274.76703	8272926.29941
232	174182.16268	8272855.76804
233	174049.87075	8272827.08046
234	173977.11019	8272760.93449
235	173884.50583	8272714.63231
236	173778.67229	8272708.01772
237	173686.06794	8272747.70530
238	173600.07818	8272727.86151
239	173547.16141	8272641.87175
240	173514.08842	8272516.19442
241	173494.24463	8272397.13168
242	173441.32786	8272311.14192
243	173366.56730	8272231.76676
244	173229.66077	8272159.00620
245	173123.82722	8272086.24564
246	173044.45206	8271993.64128
247	172938.61852	8271887.80774
248	172865.85796	8271762.13040
249	172806.32659	8271662.91145
250	172720.33683	8271603.38008
251	172621.11788	8271596.76549
252	172488.82595	8271643.06766
253	172376.37781	8271676.14064
254	172270.54426	8271605.98443
255	172171.32531	8271669.52605
256	172045.64797	8271662.91145
257	171906.74145	8271695.98443
258	171827.36629	8271768.74500
259	171794.29330	8271834.89096
260	171814.13709	8271907.65153
261	171900.12685	8272033.32886
262	172039.03338	8272192.07918
263	172204.39829	8272330.98571
264	172349.91942	8272423.59006
265	172521.89893	8272529.42361
266	172640.96167	8272628.64256
267	172765.63901	8272708.01772
268	172898.93094	8272780.77828
269	173011.37908	8272860.15344

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270	173117.21263	8272946.14319
271	173163.51480	8272979.21618
272	173203.20238	8273078.43513
273	173229.66077	8273164.42488
274	173209.81698	8273263.64383
275	173057.68126	8273177.65408
276	172918.77473	8273078.43513
277	172740.18062	8272939.52860
278	172594.65949	8272820.46586
279	172442.52377	8272714.63231
280	172343.30482	8272668.33014
281	172211.01289	8272661.71554
282	172151.48152	8272688.17393
283	172105.17934	8272734.47610
284	172098.56475	8272787.39288
285	172144.86692	8272879.99723
286	172204.39829	8272992.44537
287	172283.77345	8273065.20593
288	172389.60700	8273144.58109
289	172554.97191	8273250.41464
290	172713.72223	8273349.63359
291	172846.01417	8273442.23794
292	172991.53529	8273534.84229
293	173110.59803	8273660.51963
294	173203.20238	8273759.73858
295	173282.57754	8273852.34293
296	173328.87972	8273905.25970
297	173328.87972	8273971.40567
298	173322.26512	8274024.32244
299	173256.11916	8274030.93704
300	173156.90021	8273978.02027
301	173064.29585	8273925.10349
302	172984.92069	8273812.65535
303	172879.08715	8273872.18672
304	172826.17038	8273918.48890
305	172726.95143	8273991.24946
306	172640.96167	8274050.78083
307	172554.97191	8274097.08301
308	172475.59675	8274138.77059
309	172409.45079	8274130.15599
310	172449.13837	8274024.32244
311	172468.98216	8273951.56188
312	172521.89893	8273858.95753
313	172588.20111	8273792.81156
314	172588.04490	8273720.05100
315	172568.20111	8273620.83205
316	172535.12812	8273567.91528
317	172502.05514	8273528.22770
318	172396.22160	8273541.45689
319	172303.61724	8273581.14447
320	172184.55450	8273581.14447
321	172098.56475	8273541.45689
322	172005.96040	8273435.62334
323	171926.58524	8273323.17520

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324	171860.43927	8273210.72706
325	171781.06411	8273131.35190
326	171695.07435	8273038.74755
327	171622.31379	8273018.90376
328	171516.48025	8273071.82053
329	171463.56347	8273098.27892
330	171456.94888	8273190.88327
331	171529.70944	8273356.24819
332	171576.01162	8273415.77955
333	171655.38677	8273501.76931
334	171754.60572	8273561.30068
335	171840.59548	8273627.44665
336	171880.28306	8273693.59261
337	171919.97064	8273759.73858
338	171853.82467	8273845.72633
339	171701.68895	8273812.65535
340	171595.85541	8273799.42616
341	171516.48025	8273779.58237
342	171463.56347	8273832.49914
343	171417.26130	8273925.10349
344	171384.18831	8274030.93704
345	171337.88614	8274090.46841
346	171364.34452	8274163.22897
347	171463.56347	8274209.53115
348	171615.69920	8274269.06252
349	171714.91814	8274302.13550
350	171847.21008	8274368.28147
351	171919.97064	8274441.04203
352	171926.58524	8274507.18800
353	171860.43927	8274533.64638
354	171807.52250	8274586.56316
355	171754.60572	8274652.70912
356	171721.53274	8274791.61565
357	171688.45976	8274877.60541
358	171648.77218	8274917.29299
359	171589.24081	8274937.13678
360	171476.79267	8274857.76162
361	171384.18831	8274778.38646
362	171304.81315	8274672.55291
363	171245.28178	8274593.17775
364	171152.67743	8274566.71937
365	171086.53147	8274586.56316
366	170967.46873	8274646.09452
367	170855.02058	8274679.16751
368	170742.57244	8274745.31347
369	170702.88486	8274824.68863
370	170702.88486	8274930.52218
371	170782.26002	8275003.28274
372	170861.63518	8275095.88709
373	170914.55195	8275221.56443
374	171000.54171	8275367.08556
375	171033.61459	8275472.91910
376	171112.98985	8275545.67966
377	171225.43799	8275611.82563

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378	171357,72993	8275697,81539
379	171490,02186	8275763,96135
380	171569,39702	8275816,87813
381	171635,54296	8275883,02409
382	171668,61597	8275949,17006
383	171681,84516	8276002,08683
384	171609,08460	8276028,54522
385	171476,79267	8276015,31602
386	171390,80291	8275988,85764
387	171324,65694	8275949,17006
388	171298,19856	8275856,56571
389	171232,05259	8275803,64893
390	171172,52122	8275750,73215
391	171073,30227	8275697,81539
392	170993,92711	8275638,28402
393	170941,01034	8275565,52345
394	170821,94760	8275459,68991
395	170722,72865	8275347,24177
396	170616,89511	8275254,63741
397	170541,13454	8275142,18927
398	170464,75936	8275082,65750
399	170352,31124	8275082,65790
400	170246,47770	8275036,35573
401	170140,64415	8275016,51194
402	170014,96661	8275029,74113
403	169915,74787	8275056,19952
404	169783,45593	8275069,42871
405	169671,00779	8275036,35573
406	169565,17424	8275023,12653
407	169479,18449	8275036,35573
408	169426,26772	8275056,19952
409	169346,89256	8275009,89734
410	169293,97578	8274950,36597
411	169214,60062	8274917,29299
412	169148,45466	8274950,36597
413	169075,69410	8275029,74113
414	169022,77732	8275082,65790
415	168969,86055	8275122,34548
416	168890,48539	8275062,65790
417	168778,03725	8275036,35573
418	168685,43289	8274963,59516
419	168566,37016	8274890,83460
420	168440,69282	8274818,07404
421	168301,78629	8274771,77186
422	168162,87976	8274745,31347
423	168076,89001	8274738,69889
424	167971,05646	8274765,15726
425	167911,52509	8274818,07404
426	167891,68130	8274897,44920
427	167871,83751	8274963,59516
428	167937,98348	8275102,50169
429	168017,35864	8275214,94983
430	168109,96299	8275327,39798
431	168209,18194	8275439,84612

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432	168308,40089	8275578,75265
433	168381,16145	8275671,35700
434	168447,30742	8275724,27377
435	168533,29717	8275757,34676
436	168652,35991	8275797,03434
437	168744,96426	8275863,18030
438	168811,11023	8275942,55546
439	168870,64160	8276068,23280
440	168943,40216	8276213,75392
441	168996,31894	8276312,97287
442	169055,85031	8276379,11884
443	169174,91304	8276379,11884
444	169366,73635	8276398,95263
445	169532,10126	8276425,42101
446	169624,70561	8276471,72319
447	169697,46618	8276564,32754
448	169770,22674	8276703,23407
449	169829,75811	8276761,98436
450	169869,44569	8276981,04713
451	169889,28948	8277067,03689
452	170001,73762	8277113,33906
453	170107,57117	8277139,79745
454	170153,87334	8277146,41205
455	170213,40471	8277205,94341
456	170259,70689	8277298,54777
457	170325,85286	8277404,38131
458	170345,69665	8277490,37107
459	170358,92584	8277563,13163
460	170325,85286	8277622,66300
461	170272,93608	8277668,96518
462	170220,01931	8277702,03816
463	170193,56092	8277768,18413
464	170239,86310	8277854,17388
465	170306,00907	8277953,39283
466	170398,61342	8278045,99718
467	170477,98858	8278131,98694
468	170524,29075	8278217,97670
469	170491,21777	8278290,73726
470	170411,84261	8278251,04968
471	170306,00907	8278165,05992
472	170220,01931	8278079,07017
473	170167,10254	8277999,69501
474	170094,34197	8277940,16364
475	169955,43544	8277920,31985
476	169796,68513	8277920,31985
477	169657,77860	8277920,31985
478	169505,64287	8277887,24687
479	169360,12175	8277860,78848
480	169254,28820	8277801,25711
481	169141,84006	8277721,88195
482	169022,77732	8277629,27760
483	168936,78757	8277523,44405
484	168911,11023	8277424,22510
485	168685,43289	8277338,23535

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486	168546,52637	8277291,93317
487	168427,46363	8277252,24559
488	168341,47387	8277252,24559
489	168288,55710	8277305,16236
490	168281,94250	8277377,92293
491	168295,17169	8277470,52728
492	168341,47387	8277576,36083
493	168434,07822	8277655,73598
494	168513,45338	8277741,72574
495	168632,51612	8277834,33009
496	168705,27668	8277953,39283
497	168804,49563	8278026,15339
498	168844,18321	8278125,37234
499	168844,18321	8278211,36210
500	168811,11023	8278317,19565
501	168811,11023	8278423,02919
502	168837,56862	8278502,40435
503	168890,48539	8278601,62330
504	169002,93353	8278647,92548
505	169121,99627	8278700,84225
506	169201,37143	8278753,75902
507	169260,90280	8278806,67580
508	169274,13199	8278905,89474
509	169287,36119	8278991,88450
510	169234,37694	8279084,69127
511	169247,67361	8279196,93700
512	169280,74659	8279282,92675
513	169260,90280	8279421,83328
514	169241,05901	8279540,89602
515	169207,98803	8279679,80255
516	169141,84006	8279792,25069
517	169121,99627	8279845,16746
518	169141,84006	8279924,54262
519	167918,93168	8280878,59441
520	168030,91463	8280882,44383
521	168115,58147	8280877,15215
522	168168,49824	8280871,86047
523	168247,87340	8280914,19389
524	168306,08185	8280998,86073
525	168348,41527	8281067,65253
526	168374,87366	8281109,98595
527	168454,24882	8281152,31937
528	168570,66572	8281152,31937
529	168676,49926	8281131,15266
530	168792,91616	8281094,11092
531	168898,74971	8281030,61079
532	168999,29158	8280961,81399
533	169089,25009	8280861,27712
534	169195,08364	8280718,40183
535	169300,91718	8280596,69325
536	169343,25060	8280506,73474
537	169375,00067	8280390,31784
538	169359,12563	8280279,19262
539	169343,25060	8280215,69249



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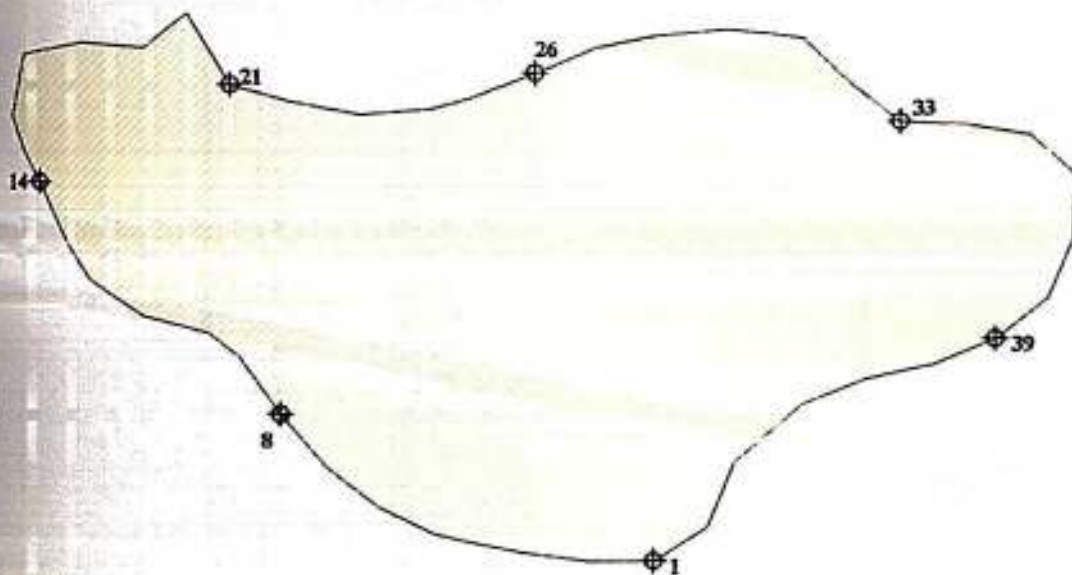
540	169253,29209	8280136,31733
541	169168,62525	8280004,02540
542	169089,25009	8279998,73372
543	167515,44129	8280832,29223
544	167594,31645	8280799,21925
545	167674,19161	8280772,76086
546	167773,41056	8280625,67763
547	167488,19091	8280910,11752
548	167521,26389	8281015,95106
549	167800,63905	8281128,39921
550	167686,62881	8281260,69114
551	167792,46235	8281366,52469
552	167878,45211	8281452,51444
553	167937,98348	8281498,81662
554	168017,35864	8281551,73339
555	168043,81702	8281624,49395
556	168043,81702	8281710,48371
557	168004,12944	8281783,24427
558	167944,59807	8281849,39024
559	167885,06670	8281922,15080
560	167838,76453	8281948,60919
561	167766,00397	8282014,75515
562	167706,47260	8282081,05733
563	167673,35961	8282147,04709
564	167627,09744	8282239,65144
565	167640,32663	8282292,56821
566	167646,94123	8282405,01635
567	167666,78502	8282517,46450
568	167673,39961	8282590,22506
569	170211,21815	8283927,39246
570	170118,61380	8283854,63169
571	170039,23864	8283768,64214
572	169973,09268	8283715,72536
573	169933,40510	8283676,03779
574	169953,24889	8283543,74585
575	169973,09268	8283351,92255
576	169940,01969	8283133,64086
577	169900,33211	8283001,34893
578	169807,72776	8282888,90079
579	169708,50881	8282789,68184
580	169615,90446	8282677,23370
581	169556,37309	8282597,85854
582	169523,30011	8282531,71257
583	169430,69575	8282505,25418
584	169344,70600	8282505,25418
585	169159,49729	8282525,09797
586	168914,75722	8282564,78555
587	168696,47553	8282637,54612
588	168550,95440	8282683,84829
589	168471,57924	8282710,30668
590	168385,58949	8282703,69208
591	168220,22457	8282670,61910
592	168127,62022	8282644,16071
593	167982,09909	8282650,77531

ZONA DE PROTEÇÃO ESPECIAL 1  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

594	167843,19257	8282670,61910
595	167691,05684	8282650,77531



## ZONA DE PROTEÇÃO DO PATRIMÔNIO NATURAL - N.º 1 APA DA CAFURINGA



ESCALA 1:10.000

100 0 100 200 Metros



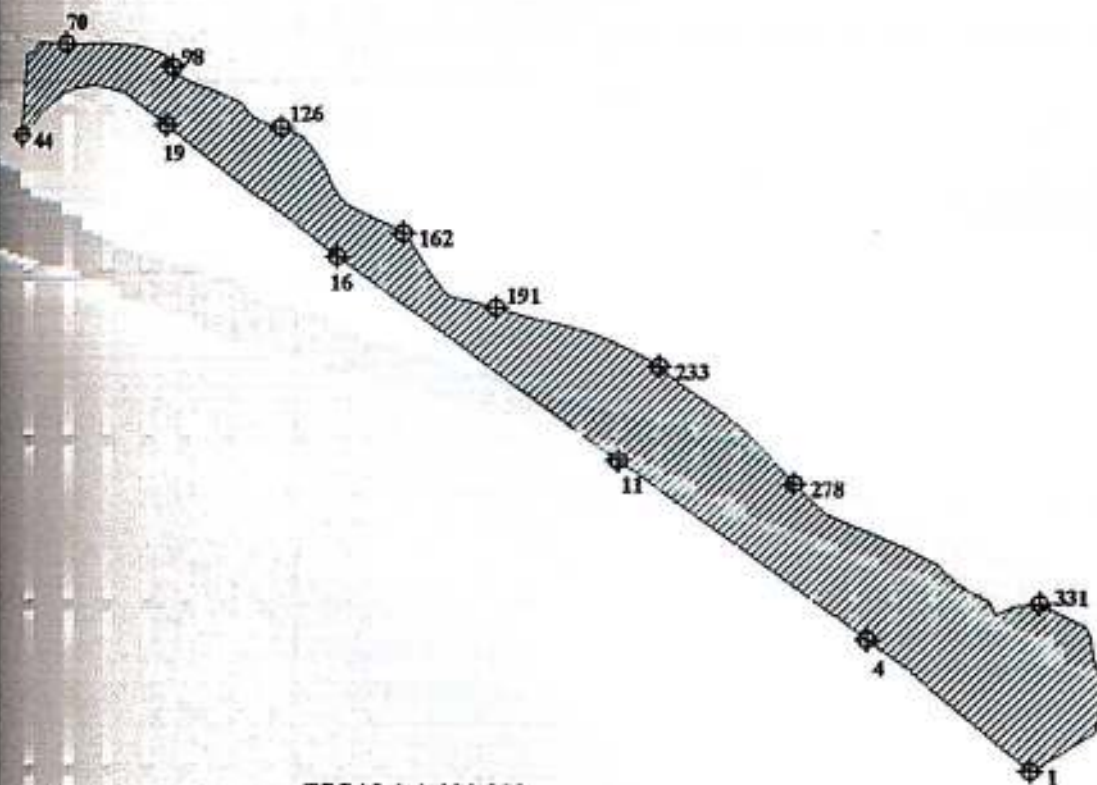
ZONA DE PROTEÇÃO DO PATRIMÔNIO NATURAL 1  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	183103.57813	8282432.00000
2	183015.60938	8282432.00000
3	182923.68750	8282444.00000
4	182872.57813	8282454.00000
5	182807.40625	8282468.00000
6	182729.21875	8282506.00000
7	182657.18750	8282563.00000
8	182595.20313	8282635.50000
9	182536.95313	8282715.50000
10	182495.79688	8282748.50000
11	182405.01563	8282772.50000
12	182329.23438	8282823.50000
13	182299.42188	8282867.50000
14	182255.07813	8282957.50000
15	182229.09375	8283002.00000
16	182210.71875	8283050.00000
17	182228.89063	8283136.50000
18	182317.95313	8283152.50000
19	182406.00000	8283146.00000
20	182465.40625	8283193.00000
21	182525.14063	8283094.00000
22	182608.25000	8283071.50000
23	182702.79688	8283053.50000
24	182799.60938	8283061.00000
25	182850.43750	8283076.00000
26	182941.82813	8283111.50000
27	183026.84375	8283148.00000
28	183110.81250	8283164.50000
29	183202.51563	8283172.00000
30	183257.39063	8283168.00000
31	183307.17188	8283161.50000
32	183370.31250	8283100.50000
33	183441.04688	8283045.00000
34	183527.76563	8283042.00000
35	183615.89063	8283028.00000
36	183678.98438	8282971.00000
37	183674.87500	8282882.50000
38	183641.34375	8282800.00000
39	183570.59375	8282742.00000
40	183485.56250	8282706.50000
41	183397.82813	8282686.50000
42	183306.43750	8282650.00000
43	183212.98438	8282569.00000
44	183176.98438	8282480.00000
45	183103.57813	8282432.00000

BIÓTIPO AMBIENTAL DA ÁREA DE PRODUÇÃO AMBIENTAL - APA DA CAFURINGA  
SEMATEC  
ÁREA DE MEIO AMBIENTE CIÊNCIA E TECNOLOGIA DO DISTRITO FEDERAL  
IEMA  
INSTITUTO DE ECOLOGIA E MEIO AMBIENTE DO DISTRITO FEDERAL  
DEZEMBRO 1996



## ZONA DE PROTEÇÃO DE MANACIAIS - N.º 1 APA DA CAFURINGA



ESCALA 1:120.000

1000 0 1000 2000 3000 Metros



ZONA DE PROTEÇÃO DE MANANCIAIS 1  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	192795,79688	8264037,50000
2	191112,67188	8265465,50000
3	190814,34375	8255736,50000
4	190118,23438	8266234,00000
5	189592,68750	8266643,50000
6	189583,85938	8266646,00000
7	189539,64063	8266658,50000
8	188816,40625	8267201,00000
9	188156,45313	8267680,00000
10	187026,40625	8268512,00000
11	185036,37500	8269245,50000
12	186011,12500	8269245,50000
13	184916,39063	8270058,00000
14	184263,07813	8270534,50000
15	183309,59375	8271258,50000
16	181420,28125	8272653,50000
17	180252,95313	8273566,50000
18	180096,00000	8273642,00000
19	178595,15625	8274825,50000
20	177886,87500	8275372,50000
21	177553,39063	8275461,00000
22	177323,84375	8275496,00000
23	177006,01563	8275443,50000
24	176829,45313	8275372,50000
25	176798,79688	8275396,50000
26	176779,62500	8275376,50000
27	176740,07813	8275332,00000
28	176694,56250	8275299,50000
29	176644,46875	8275267,50000
30	176594,01563	8275235,00000
31	176543,50000	8275204,50000
32	176492,89063	8275173,00000
33	176445,06250	8275136,50000
34	176398,53125	8275098,50000
35	176353,76563	8275059,00000
36	176311,50000	8275018,50000
37	176270,71875	8274974,00000
38	176228,28125	8274932,00000
39	176185,96875	8274889,00000
40	176142,56250	8274848,00000
41	176100,90625	8274805,00000
42	176057,07813	8274764,00000
43	176010,90625	8274725,50000
44	175929,68750	8274652,50000
45	175934,15625	8274851,50000
46	175937,93750	8274970,50000
47	175942,34375	8275033,50000
48	175950,46875	8275106,00000
49	175956,10938	8275190,50000
50	175976,60938	8275279,50000
51	175985,82813	8275368,00000
52	175992,50000	8275458,00000
53	175997,40625	8275591,00000

ZONA DE PROTEÇÃO DE MANANCIAS 1  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

54	176002,78125	8275682,00000
55	176013,26563	8275772,00000
56	176017,51563	8275849,50000
57	176019,34375	8275914,00000
58	176024,75000	8276002,50000
59	176078,23438	8276007,50000
60	176169,53125	8276053,00000
61	176211,04688	8276104,00000
62	176268,90625	8276174,50000
63	176317,00000	8276206,50000
64	176410,10938	8276202,50000
65	176462,40625	8276201,00000
66	176526,14063	8276201,00000
67	176579,68750	8276201,00000
68	176641,00000	8276190,50000
69	176709,92188	8276184,50000
70	176831,10938	8276176,50000
71	176919,12500	8276172,50000
72	177012,18750	8276172,50000
73	177067,03125	8276171,00000
74	177160,04688	8276176,00000
75	177211,03125	8276177,50000
76	177307,82813	8276185,00000
77	177361,35938	8276187,50000
78	177412,32813	8276190,00000
79	177499,01563	8276189,50000
80	177606,53125	8276187,00000
81	177696,71875	8276180,50000
82	177763,04688	8276178,00000
83	177831,95313	8276173,00000
84	177903,39063	8276169,00000
85	177979,95313	8276162,50000
86	178060,39063	8276151,00000
87	178143,42188	8276137,00000
88	178215,00000	8276120,50000
89	178278,92188	8276104,00000
90	178335,21875	8276086,00000
91	178387,68750	8276067,00000
92	178437,64063	8276046,50000
93	178486,31250	8276026,50000
94	178540,15625	8275996,50000
95	178592,79688	8275965,50000
96	178633,96875	8275931,00000
97	178670,29688	8275874,00000
98	178711,98438	8275793,00000
99	178770,32813	8275704,00000
100	178806,46875	8275663,50000
101	178884,85938	8275607,50000
102	178928,50000	8275581,00000
103	179016,96438	8275534,00000
104	179101,43750	8275506,00000
105	179164,12500	8275486,00000
106	179214,01563	8275470,50000
107	179265,18750	8275454,00000

ZONA DE PROTEÇÃO DE MANANCIAS 1  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

108	179317.68750	8275433.50000
109	179368.87500	8275416.00000
110	179463.67188	8275375.00000
111	179555.89063	8275336.00000
112	179621.26563	8275304.00000
113	179710.96875	8275262.00000
114	179758.37500	8275240.50000
115	179809.67188	8275214.00000
116	179875.48438	8275141.50000
117	179920.92188	8275066.50000
118	179986.70313	8274998.50000
119	180029.10938	8274968.00000
120	180107.40625	8274919.50000
121	180157.40625	8274894.00000
122	180208.62500	8274874.00000
123	180262.35938	8274857.50000
124	180348.06250	8274830.50000
125	180437.56250	8274807.50000
126	180495.14063	8274788.50000
127	180598.84375	8274749.00000
128	180664.17188	8274721.00000
129	180714.10938	8274701.00000
130	180769.20313	8274677.00000
131	180821.71875	8274654.00000
132	180866.64063	8274626.00000
133	180917.21875	8274548.50000
134	180954.75000	8274498.00000
135	180994.85938	8274444.50000
136	181036.23438	8274391.50000
137	181076.39063	8274334.50000
138	181114.03125	8274273.50000
139	181147.76563	8274220.00000
140	181175.04688	8274174.50000
141	181199.82813	8274124.00000
142	181223.31250	8274074.50000
143	181245.56250	8274022.50000
144	181267.81250	8273970.50000
145	181308.40625	8273873.00000
146	181350.12500	8273789.00000
147	181387.79688	8273726.00000
148	181440.89063	8273650.00000
149	181478.35938	8273605.50000
150	181555.64063	8273533.00000
151	181639.17500	8273477.00000
152	181724.98438	8273438.00000
153	181804.45313	8273398.50000
154	181886.48438	8273359.00000
155	181978.73438	8273317.00000
156	182056.98438	8273274.00000
157	182109.50000	8273251.00000
158	182200.45313	8273212.00000
159	182253.03125	8273184.00000
160	182342.76563	8273139.50000
161	182427.42188	8273092.50000



ZONA DE PROTEÇÃO DE MANANCIAS 1  
MEMORIAL DESCRITIVO  
APA DE CAFURINGÁ

162	182499,35938	8273043,00000
163	182565,06250	8272981,00000
164	182594,87500	8272936,50000
165	182658,51563	8272830,00000
166	182685,78125	8272785,50000
167	182715,62500	8272738,50000
168	182742,92188	8272690,50000
169	182770,23438	8272642,00000
170	182797,53125	8272594,00000
171	182826,06250	8272549,50000
172	182857,17188	8272504,00000
173	182887,00000	8272458,50000
174	182918,15625	8272407,50000
175	182950,57813	8272357,00000
176	182979,10938	8272312,50000
177	183045,15625	8272220,00000
178	183105,87500	8272148,00000
179	183140,76563	8272104,50000
180	183205,21875	8272040,00000
181	183250,23438	8272004,50000
182	183337,25000	8271975,00000
183	183430,57813	8271952,50000
184	183486,79688	8271939,50000
185	183546,85938	8271927,00000
186	183605,67188	8271911,50000
187	183667,03125	8271897,50000
188	183739,87500	8271881,00000
189	183814,04688	8271860,50000
190	183890,76563	8271840,00000
191	184021,23438	8271801,00000
192	184105,68750	8271773,00000
193	184182,46875	8271747,50000
194	184259,21875	8271723,00000
195	184329,56250	8271703,00000
196	184398,64063	8271682,50000
197	184463,84375	8271664,50000
198	184527,78125	8271648,00000
199	184587,84375	8271634,00000
200	184647,92188	8271620,00000
201	184713,10938	8271605,00000
202	184784,67188	8271589,50000
203	184860,04688	8271575,50000
204	184929,07813	8271559,00000
205	184999,37500	8271542,50000
206	185063,28125	8271527,00000
207	185120,82813	8271512,00000
208	185174,53125	8271498,00000
209	185234,64063	8271480,00000
210	185296,01563	8271463,50000
211	185359,96875	8271444,50000
212	185426,48438	8271425,50000
213	185491,70313	8271406,00000
214	185556,98438	8271383,50000
215	185620,98438	8271359,00000

ZONA DE PROTEÇÃO DE MANANCIAS 1  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

216	185672.21875	8271337.50000
217	185773.37500	8271298.00000
218	185836.15625	8271270.00000
219	185882.28125	8271248.50000
220	185931.00000	8271224.50000
221	185980.96875	8271201.50000
222	186027.09375	8271181.50000
223	186074.51563	8271158.50000
224	186139.89063	8271126.50000
225	186191.14063	8271102.50000
226	186245.00000	8271074.50000
227	186300.10938	8271048.00000
228	186351.40625	8271020.00000
229	186409.14063	8270988.50000
230	186464.29688	8270958.00000
231	186524.62500	8270919.50000
232	186624.81250	8270852.50000
233	186687.73438	8270812.00000
234	186777.84375	8270733.00000
235	186833.15625	8270687.50000
236	186883.35938	8270644.50000
237	186930.93750	8270606.50000
238	186974.70313	8270569.50000
239	187014.54688	8270539.00000
240	187054.42188	8270507.50000
241	187135.39063	8270449.00000
242	187180.37500	8270416.00000
243	187227.90625	8270383.00000
244	187281.87500	8270345.00000
245	187340.95313	8270305.50000
246	187401.34375	8270262.50000
247	187464.29688	8270218.00000
248	187525.98438	8270173.50000
249	187591.50000	8270129.00000
250	187655.75000	8270082.00000
251	187716.15625	8270039.00000
252	187774.00000	8269996.00000
253	187830.57813	8269951.50000
254	187883.31250	8269909.50000
255	187933.48438	8269869.00000
256	187986.23438	8269824.50000
257	188037.73438	8269779.00000
258	188089.21875	8269734.50000
259	188136.90625	8269687.50000
260	188184.57813	8269642.00000
261	188229.70313	8269596.50000
262	188272.21875	8269555.50000
263	188314.76563	8269512.50000
264	188359.85938	8269469.50000
265	188398.54688	8269430.00000
266	188435.96875	8269389.50000
267	188472.10938	8269349.00000
268	188505.67188	8269311.00000
269	188539.25000	8269271.50000

ZONA DE PROTEÇÃO DE MANANCIAIS 1  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

270	188572.82813	8269233.50000
271	188606.39063	8269195.50000
272	188641.25000	8269155.00000
273	188674.85938	8269113.00000
274	188711.00000	8269072.50000
275	188745.87500	8269032.00000
276	188779.45313	8268992.50000
277	188846.54688	8268920.50000
278	188916.18750	8268848.00000
279	188983.26563	8268777.00000
280	189045.14063	8268715.00000
281	189118.59375	8268644.00000
282	189194.62500	8268570.00000
283	189234.60938	8268528.50000
284	189300.34375	8268463.50000
285	189369.89063	8268399.00000
286	189413.60938	8268364.50000
287	189504.70313	8268312.50000
288	189559.81250	8268287.00000
289	189618.73438	8268262.00000
290	189680.21875	8268235.00000
291	189743.01563	8268206.00000
292	189799.40625	8268179.50000
293	189859.62500	8268151.50000
294	189914.68750	8268129.50000
295	190001.76563	8268095.50000
296	190097.79688	8268057.50000
297	190151.59375	8268034.50000
298	190209.23438	8268009.00000
299	190268.17188	8267983.50000
300	190327.10938	8267957.00000
301	190383.50000	8267930.00000
302	190441.12500	8267906.00000
303	190494.90625	8267884.50000
304	190544.87500	8267863.00000
305	190603.78125	8267838.50000
306	190664.01563	8267809.50000
307	190735.79688	8267775.00000
308	190846.07813	8267717.00000
309	190926.84375	8267676.00000
310	191033.25000	8267623.00000
311	191097.39063	8267587.50000
312	191151.26563	8267557.00000
313	191248.71875	8267506.00000
314	191310.60938	8267442.50000
315	191348.00000	8267404.50000
316	191386.81250	8267354.00000
317	191438.21875	8267316.00000
318	191512.87500	8267251.00000
319	191578.50000	8267196.50000
320	191619.64063	8267165.00000
321	191664.62500	8267132.00000
322	191704.48438	8267101.50000
323	191780.23438	8267053.00000

ZONA DE PROTEÇÃO DE MANANCIAS 1  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

324	191859,76563	8267008,50000
325	191942,96875	8266986,50000
326	191951,01563	8266990,50000
327	191991,17188	8266939,00000
328	192111,01563	8266879,00000
329	192230,85938	8266659,00000
330	192510,46875	8266799,00000
331	192949,87500	8266839,00000
332	193688,89063	8266459,50000
333	193768,78125	8266259,50000
334	193808,71875	8265940,00000
335	193968,50000	8265520,50000
336	193908,59375	8264981,50000
337	193848,67188	8264702,00000
338	193329,37500	8264382,50000
339	192977,92188	8264158,50000
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341	192796,79688	8264037,50000



### ZONA DE USO ESPECIAL - N.º 1 APA DA CAFURINGA

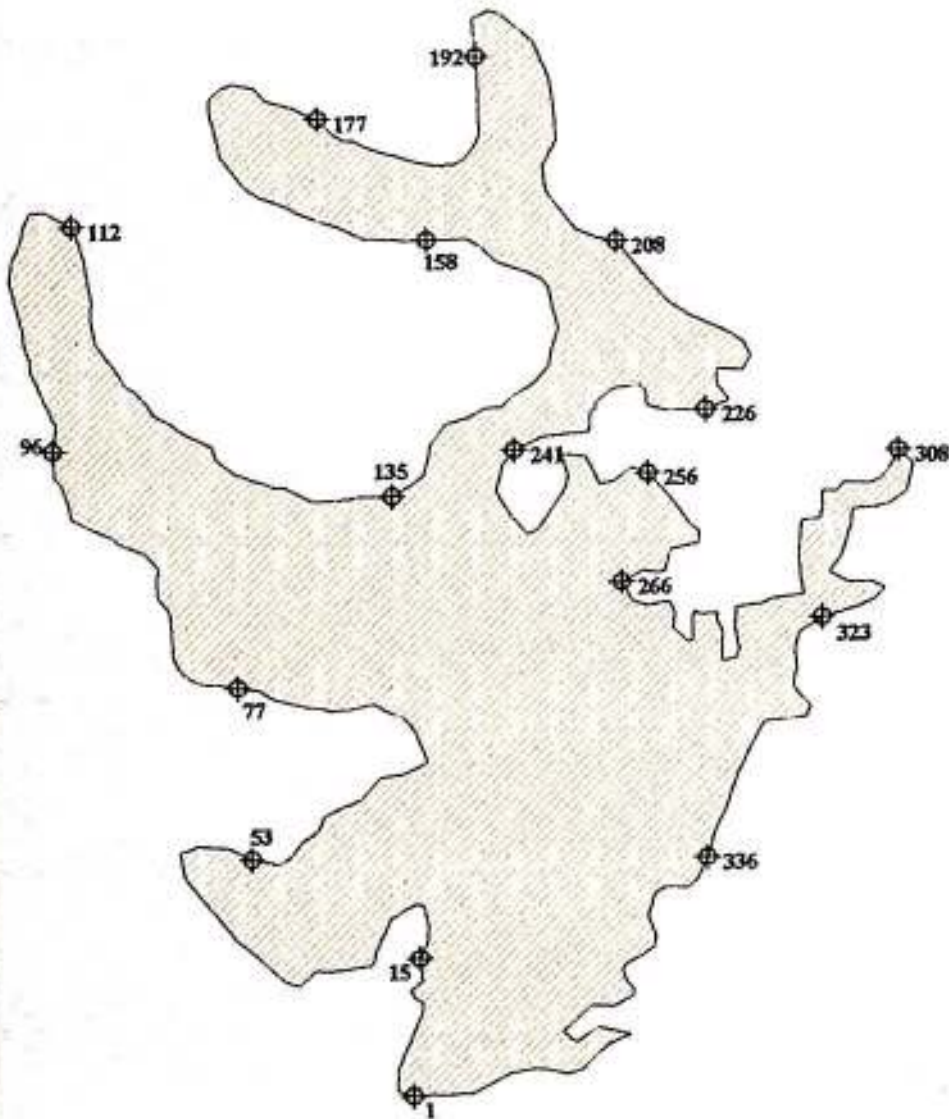


ESCALA 1:150.000

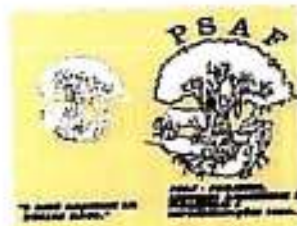




## ZONA DE USO ESPECIAL - N.º 2 APA DA CAFURINGA

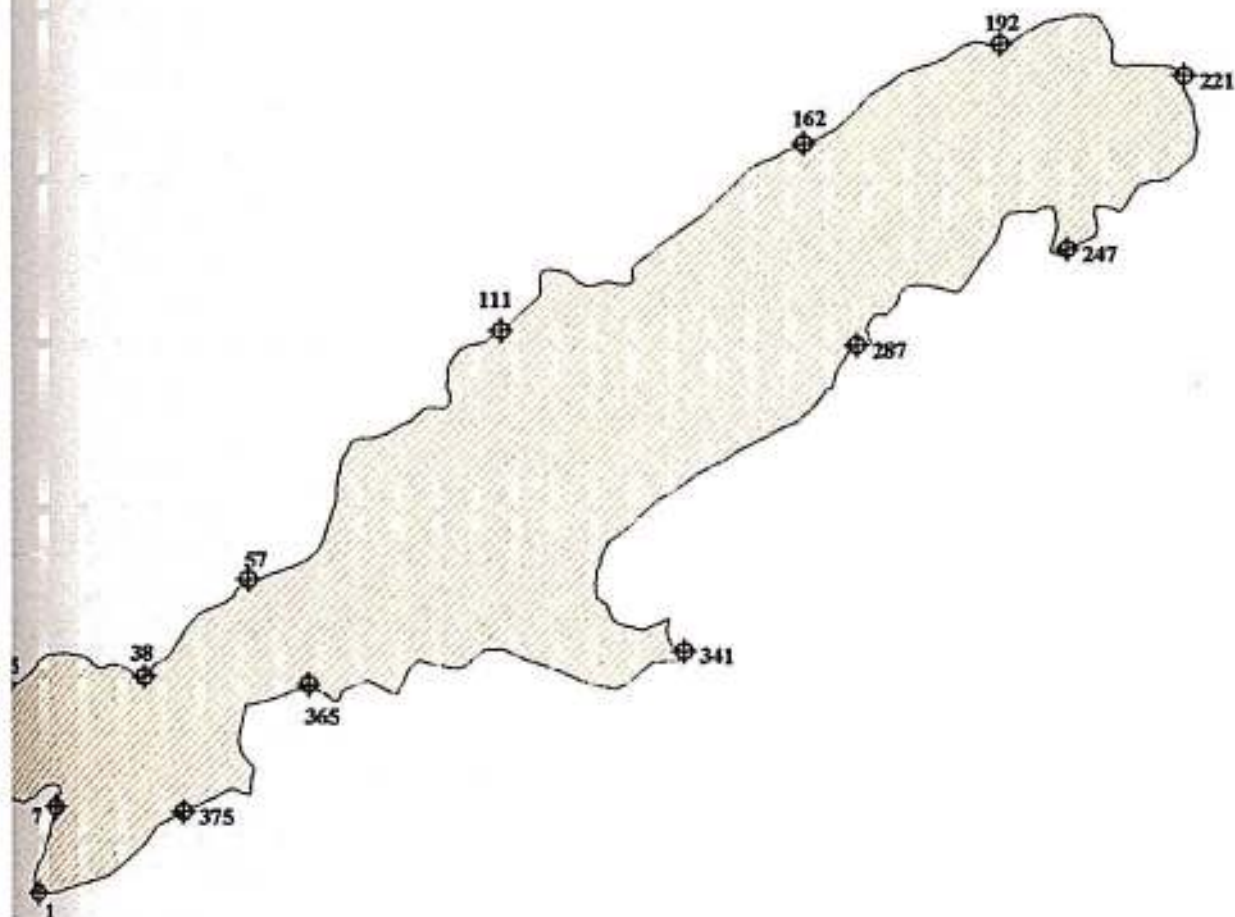


ESCALA 1:45.000

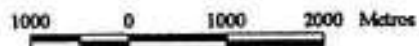




### ZONA DE USO ESPECIAL - N.º 3 APA DA CAFURINGA

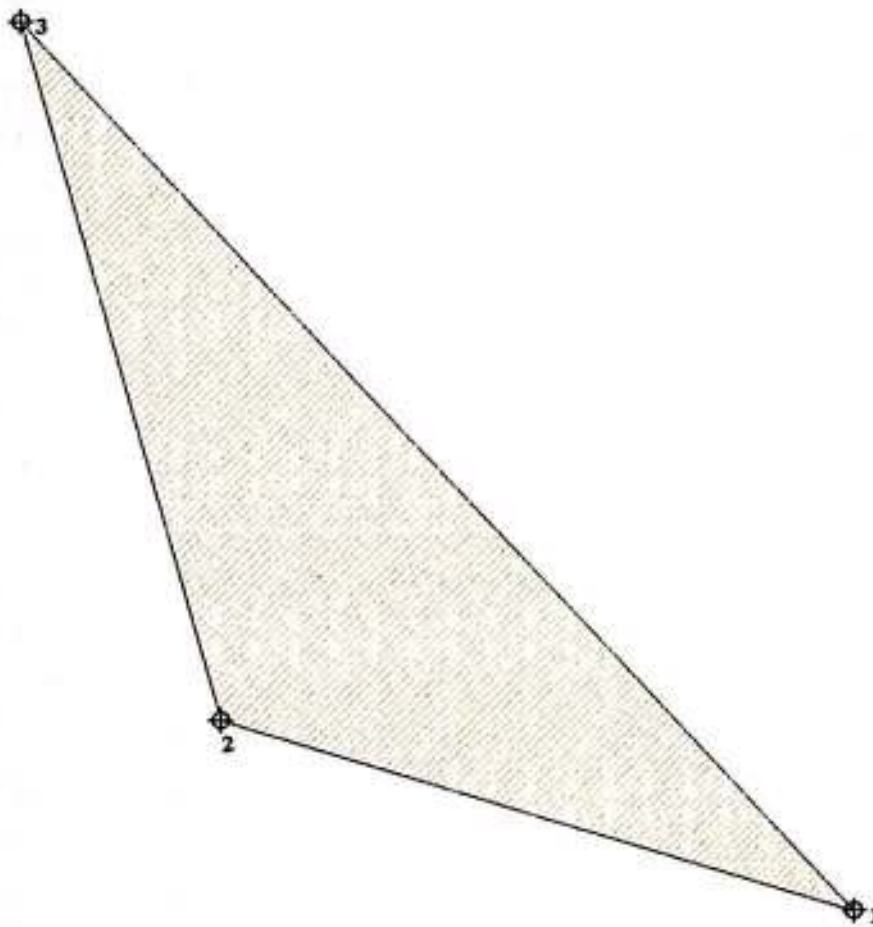


ESCALA 1:75.000





### ZONA DE USO ESPECIAL - N.º 4 APA DA CAFURINGA



ESCALA 1:200





ZONA DE USO ESPECIAL 1  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	180384.60938	8276491.50000
2	180287.35938	8276523.00000
3	180231.81250	8276589.00000
4	180231.12500	8276651.00000
5	180160.39063	8276708.50000
6	180084.60938	8276759.00000
7	180075.87500	8276858.00000
8	180058.35938	8276943.00000
9	179966.67188	8276933.00000
10	179917.04688	8276925.00000
11	179833.12500	8276905.00000
12	179755.79688	8276864.50000
13	179675.98438	8276819.00000
14	179631.62500	8276795.00000
15	179586.03125	8276767.50000
16	179500.82813	8276748.50000
17	179451.64063	8276815.50000
18	179509.57813	8276879.00000
19	179594.45313	8276928.00000
20	179681.95313	8276971.00000
21	179728.90625	8276991.50000
22	179817.76563	8277025.50000
23	179905.35938	8277059.50000
24	179980.06250	8277106.50000
25	180044.28125	8277179.50000
26	180083.25000	8277229.00000
27	180157.79688	8277291.00000
28	180214.40625	8277359.50000
29	180239.34375	8277410.00000
30	180252.45313	8277493.50000
31	180261.60938	8277588.50000
32	180266.03125	8277649.50000
33	180267.89063	8277713.00000
34	180263.01563	8277808.00000
35	180223.87500	8277889.00000
36	180140.64063	8277923.00000
37	180049.01563	8277907.00000
38	179964.03125	8277867.50000
39	179880.09375	8277849.00000
40	179808.10938	8277903.50000
41	179715.73438	8277955.50000
42	179623.81250	8277968.00000
43	179528.25000	8277963.50000
44	179415.82813	8277983.50000
45	179315.03125	8277991.50000
46	179218.14063	8277990.50000
47	179138.09375	8277966.50000
48	179114.42188	8277915.50000
49	179091.37500	8277809.50000
50	179059.06250	8277733.50000
51	178948.37500	8277713.00000
52	178892.28125	8277713.00000
53	178837.48438	8277711.00000
54	178777.59375	8277708.50000

ZONA DE USO ESPECIAL 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

55	178717,70313	8277706,00000
56	178657,79688	8277703,50000
57	178605,57813	8277699,50000
58	178545,71875	8277693,50000
59	178424,85938	8277670,50000
60	178329,45313	8277650,50000
61	178274,73438	8277642,00000
62	178190,75000	8277628,00000
63	178098,06250	8277594,00000
64	178051,15625	8277568,50000
65	177975,21875	8277519,50000
66	177964,34375	8277580,00000
67	178010,65625	8277658,50000
68	178065,70313	8277753,50000
69	178104,15625	8277850,00000
70	178127,26563	8277951,00000
71	178190,28125	8278018,00000
72	178219,10938	8278062,50000
73	178244,12500	8278107,00000
74	178263,95313	8278158,50000
75	178305,14063	8278238,50000
76	178375,85938	8278300,50000
77	178442,73438	8278363,50000
78	178518,32813	8278444,50000
79	178553,64063	8278480,00000
80	178611,57813	8278543,50000
81	178644,29688	8278582,50000
82	178694,37500	8278666,00000
83	178718,03125	8278718,00000
84	178723,82813	8278770,00000
85	178682,34375	8278832,00000
86	178602,29688	8278808,00000
87	178561,82813	8278778,00000
88	178488,43750	8278728,50000
89	178442,92188	8278762,00000
90	178458,45313	8278904,50000
91	178441,29688	8278956,50000
92	178416,50000	8279008,50000
93	178390,51563	8279053,00000
94	178338,65625	8279131,50000
95	178295,76563	8279206,50000
96	178268,50000	8279250,50000
97	178232,26563	8279300,00000
98	178167,78125	8279367,50000
99	178113,71875	8279414,50000
100	178071,28125	8279447,50000
101	177989,06250	8279504,50000
102	177946,65625	8279535,00000
103	177905,53125	8279564,00000
104	177860,56250	8279596,00000
105	177783,40625	8279655,50000
106	177735,90625	8279686,00000
107	177687,17188	8279712,50000
108	177598,90625	8279739,50000
109	177604,64063	8279797,50000

ZONA DE USO ESPECIAL 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

110	177616.81250	8279849.50000
111	177621.35938	8279900.00000
112	177635.54688	8280001.50000
113	177557.50000	8280044.50000
114	177483.64063	8280018.00000
115	177403.78125	8279976.50000
116	177351.82813	8279947.50000
117	177272.32813	8279874.00000
118	177197.26563	8279859.00000
119	177116.70313	8279882.00000
120	177027.51563	8279877.00000
121	176978.87500	8279894.50000
122	176954.98438	8279979.50000
123	176964.59375	8280034.00000
124	177046.92188	8280082.00000
125	177133.25000	8280116.00000
126	177215.42188	8280178.00000
127	177277.17188	8280244.00000
128	177297.04688	8280292.00000
129	177306.53125	8280356.50000
130	177300.42188	8280448.00000
131	177232.28125	8280500.00000
132	177147.28125	8280578.50000
133	177057.46875	8280629.50000
134	177009.95313	8280661.00000
135	176954.76563	8280695.50000
136	176868.71875	8280751.00000
137	176772.62500	8280795.50000
138	176687.56250	8280842.50000
139	176617.59375	8280864.00000
140	176525.46875	8280894.50000
141	176437.34375	8280909.00000
142	176339.10938	8280915.00000
143	176242.20313	8280916.50000
144	176187.50000	8280906.50000
145	176135.29688	8280900.50000
146	176044.75000	8280903.00000
147	176031.85938	8280799.00000
148	176032.53125	8280738.00000
149	176052.29688	8280680.00000
150	176075.93750	8280618.00000
151	176101.09375	8280533.00000
152	176104.20313	8280482.00000
153	176059.17188	8280402.50000
154	176009.00000	8280328.00000
155	175941.95313	8280281.00000
156	175886.29688	8280357.00000
157	175828.15625	8280427.00000
158	175784.34375	8280468.50000
159	175712.29688	8280528.50000
160	175669.90625	8280557.50000
161	175600.45313	8280613.50000
162	175522.40625	8280639.00000
163	175433.37500	8280618.50000
164	175344.56250	8280579.50000

ZONA DE USO ESPECIAL 1  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

165	175295.18750	8280548.00000
166	175250.87500	8280520.00000
167	175201.48438	8280491.00000
168	175150.78125	8280463.00000
169	175106.43750	8280439.00000
170	175050.59375	8280416.50000
171	174964.23438	8280386.00000
172	174902.45313	8280323.00000
173	174858.21875	8280287.50000
174	174802.53125	8280251.00000
175	174717.56250	8280210.50000
176	174627.35938	8280181.50000
177	174572.70313	8280166.00000
178	174520.62500	8280148.50000
179	174471.10938	8280131.00000
180	174373.37500	8280091.50000
181	174285.70313	8280064.00000
182	174199.32813	8280035.00000
183	174107.89063	8280003.50000
184	174060.90625	8279985.50000
185	173954.23438	8279948.00000
186	173909.87500	8279923.50000
187	173830.04688	8279879.50000
188	173810.23438	8279826.50000
189	173766.62500	8279735.00000
190	173714.04688	8279646.50000
191	173655.07813	8279560.50000
192	173622.42188	8279516.00000
193	173554.39063	8279441.50000
194	173500.32813	8279373.00000
195	173465.48438	8279296.00000
196	173431.92188	8279217.50000
197	173349.23438	8279201.00000
198	173303.60938	8279292.50000
199	173263.23438	8279369.50000
200	173230.20313	8279475.00000
201	173189.71875	8279562.50000
202	173151.87500	8279641.00000
203	173124.59375	8279688.00000
204	173103.67188	8279736.00000
205	173083.93750	8279790.50000
206	173065.46875	8279847.50000
207	173046.93750	8279909.50000
208	173028.50000	8279963.00000
209	173011.31250	8280018.50000
210	172994.20313	8280067.00000
211	172970.59375	8280127.50000
212	172927.70313	8280201.00000
213	172886.37500	8280249.50000
214	172847.62500	8280295.00000
215	172816.59375	8280335.50000
216	172759.57813	8280419.00000
217	172695.95313	8280523.00000
218	172641.59375	8280598.00000
219	172548.96875	8280673.00000

ZONA DE USO ESPECIAL 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

220	172636.56250	8280707.00000
221	172735.59375	8280745.00000
222	172834.57813	8280785.50000
223	172924.73438	8280818.00000
224	173024.85938	8280872.50000
225	173072.93750	8280905.50000
226	173148.85938	8280957.00000
227	173198.39063	8280975.00000
228	173258.23438	8280982.50000
229	173344.92188	8280982.50000
230	173395.98438	8280976.00000
231	173445.81250	8280967.00000
232	173532.73438	8280945.50000
233	173580.09375	8280929.00000
234	173630.07813	8280904.50000
235	173724.50000	8280897.00000
236	173823.43750	8280943.50000
237	173869.03125	8280970.00000
238	173919.70313	8281000.50000
239	174003.34375	8281046.00000
240	174041.06250	8281094.00000
241	174075.03125	8281134.50000
242	174116.59375	8281181.50000
243	174169.40625	8281248.50000
244	174210.43750	8281342.50000
245	174250.29688	8281427.00000
246	174306.87500	8281499.00000
247	174380.21875	8281553.50000
248	174424.45313	8281589.00000
249	174462.23438	8281632.00000
250	174499.96875	8281677.50000
251	174536.46875	8281720.50000
252	174601.85938	8281803.00000
253	174631.95313	8281848.50000
254	174683.42188	8281922.00000
255	174742.59375	8281989.00000
256	174777.42188	8282068.50000
257	174793.34375	8282127.00000
258	174811.54688	8282212.00000
259	174783.85938	8282294.00000
260	174727.68750	8282300.50000
261	174753.78125	8282362.50000
262	174821.71875	8282445.00000
263	174864.73438	8282475.50000
264	174963.84375	8282505.50000
265	175014.67188	8282520.50000
266	175101.21875	8282534.50000
267	175173.85938	8282537.00000
268	175233.78125	8282537.00000
269	175288.62500	8282534.50000
270	175348.59375	8282530.50000
271	175400.93750	8282523.00000
272	175449.53125	8282510.00000
273	175501.92188	8282498.50000
274	175551.81250	8282483.50000

ZONA DE USO ESPECIAL 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

275	175655.46875	8282447.50000
276	175740.01563	8282411.00000
277	175801.53125	8282381.50000
278	175891.23438	8282341.00000
279	175979.59375	8282305.50000
280	176024.51563	8282277.50000
281	176102.70313	8282239.50000
282	176162.71875	8282230.50000
283	176245.31250	8282255.50000
284	176284.31250	8282302.50000
285	176319.56250	8282343.00000
286	176383.75000	8282419.00000
287	176415.18750	8282458.00000
288	176449.14063	8282501.00000
289	176513.35938	8282574.50000
290	176572.50000	8282645.50000
291	176614.20313	8282678.50000
292	176703.31250	8282691.00000
293	176760.28125	8282611.00000
294	176782.46875	8282564.00000
295	176809.78125	8282516.00000
296	176890.82813	8282448.50000
297	176939.59375	8282421.00000
298	177006.64063	8282352.50000
299	177033.87500	8282310.50000
300	177073.96875	8282257.00000
301	177132.07813	8282191.00000
302	177172.04688	8282150.50000
303	177210.73438	8282110.00000
304	177289.23438	8282044.00000
305	177350.73438	8282016.00000
306	177407.06250	8281994.50000
307	177455.70313	8281976.50000
308	177540.18750	8281946.00000
309	177632.15625	8281931.00000
310	177683.01563	8281942.00000
311	177760.23438	8281993.00000
312	177824.40625	8282070.00000
313	177850.68750	8282114.50000
314	177868.00000	8282162.50000
315	177885.82813	8282280.00000
316	177893.64063	8282381.50000
317	177849.31250	8282470.50000
318	177787.29688	8282545.00000
319	177722.93750	8282601.00000
320	177683.04688	8282634.00000
321	177634.15625	8282674.50000
322	177575.06250	8282715.00000
323	177504.43750	8282762.00000
324	177418.76563	8282785.00000
325	177367.65625	8282795.00000
326	177307.70313	8282798.00000
327	177213.35938	8282798.00000
328	177107.31250	8282819.50000
329	177028.92188	8282875.50000

ZONA DE USO ESPECIAL 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

330	176944,35938	8282913,50000
331	176876,75000	8282917,50000
332	176778,50000	8282925,00000
333	176727,46875	8282928,00000
334	176671,29688	8282935,50000
335	176610,04688	8282940,50000
336	176493,90625	8282952,00000
337	176436,42188	8282962,50000
338	176330,35938	8282984,00000
339	176239,56250	8283009,50000
340	176176,87500	8283030,00000
341	176115,46875	8283049,00000
342	176051,51563	8283068,00000
343	175993,93750	8283087,00000
344	175941,46875	8283105,00000
345	175885,18750	8283121,50000
346	175827,65625	8283136,50000
347	175780,25000	8283157,00000
348	175758,73438	8283258,50000
349	175690,70313	8283300,50000
350	175617,46875	8283352,50000
351	175580,73438	8283446,00000
352	175576,34375	8283498,00000
353	175577,93750	8283585,50000
354	175574,42188	8283673,00000
355	175605,34375	8283759,00000
356	175641,79688	8283806,00000
357	175674,43750	8283851,50000
358	175753,06250	8283890,50000
359	175817,96875	8283900,50000
360	175871,40625	8283910,50000
361	175965,76563	8283908,00000
362	176032,73438	8283847,00000
363	176068,93750	8283801,50000
364	176117,93750	8283750,50000
365	176168,20313	8283701,50000
366	176211,96875	8283663,00000
367	176251,84375	8283631,50000
368	176301,95313	8283596,00000
369	176404,62500	8283533,50000
370	176486,67188	8283493,00000
371	176566,15625	8283452,50000
372	176629,35938	8283386,50000
373	176707,04688	8283394,00000
374	176760,18750	8283430,50000
375	176813,65625	8283437,00000
376	176891,82813	8283400,00000
377	176987,50000	8283396,00000
378	177092,00000	8283400,00000
379	177192,85938	8283387,00000
380	177280,46875	8283418,50000
381	177364,10938	8283464,00000
382	177410,95313	8283494,50000
383	177510,40625	8283493,00000
384	177567,43750	8283408,00000

ZONA DE USO ESPECIAL 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

385	177597.23438	8283365.00000
386	177674.34375	8283309.00000
387	177739.53125	8283294.00000
388	177790.59375	8283289.00000
389	177851.89063	8283278.50000
390	177933.79688	8283250.50000
391	177986.18750	8283239.00000
392	178098.73438	8283207.50000
393	178190.87500	8283175.50000
394	178275.29688	8283150.00000
395	178323.56250	8283166.50000
396	178366.62500	8283192.00000
397	178401.84375	8283236.00000
398	178466.14063	8283302.00000
399	178523.25000	8283324.50000
400	178616.81250	8283280.00000
401	178702.39063	8283266.00000
402	178791.32813	8283294.00000
403	178838.25000	8283316.50000
404	178903.20313	8283321.50000
405	178956.89063	8283309.00000
406	179014.50000	8283287.50000
407	179118.25000	8283244.00000
408	179168.23438	8283220.00000
409	179218.23438	8283194.50000
410	179297.87500	8283140.00000
411	179356.73438	8283119.50000
412	179443.64063	8283100.50000
413	179504.90625	8283094.00000
414	179557.29688	8283084.00000
415	179626.31250	8283068.50000
416	179725.92188	8283053.50000
417	179787.14063	8283050.50000
418	179882.64063	8283062.00000
419	179966.65625	8283108.50000
420	180037.43750	8283129.00000
421	180088.26563	8283144.00000
422	180178.65625	8283155.50000
423	180265.20313	8283169.00000
424	180378.51563	8283183.00000
425	180485.34375	8283207.00000
426	180558.03125	8283237.00000
427	180727.68750	8282897.50000
428	180727.68750	8282460.50000
429	180727.68750	8282205.50000
430	180716.76563	8282219.50000
431	180654.76563	8282176.50000
432	180666.81250	8282125.00000
433	180732.56250	8282057.50000
434	180771.64063	8281983.00000
435	180717.20313	8281947.50000
436	180634.67188	8281917.00000
437	180560.31250	8281840.00000
438	180646.09375	8281805.50000
439	180723.09375	8281760.00000



ZONA DE USO ESPECIAL 1  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

440	180649.71675	8281709.50000
441	180672.15625	8281639.50000
442	180704.46875	8281599.00000
443	180632.26563	8281557.50000
444	180573.39063	8281462.50000
445	180525.78125	8281386.50000
446	180502.46875	8281303.00000
447	180438.10938	8281243.50000
448	180346.65625	8281213.00000
449	180366.48438	8281179.50000
450	180039.53125	8281048.50000
451	179581.21875	8281260.00000
452	179228.65625	8281436.50000
453	179052.37500	8281648.00000
454	178523.54688	8281225.00000
455	178558.79688	8280907.50000
456	179017.12500	8280590.50000
457	179334.42188	8280061.50000
458	179792.75000	8280238.00000
459	180110.04688	8280202.50000
460	180110.04688	8279991.00000
461	179828.00000	8279744.00000
462	180039.53125	8279427.00000
463	180815.17188	8279391.50000
464	180956.18750	8279215.50000
465	181379.25000	8279109.50000
466	181661.29688	8278827.50000
467	181696.56250	8278334.00000
468	181626.04688	8278052.00000
469	181344.00000	8277347.00000
470	181555.53125	8277206.00000
471	182225.39063	8276324.50000
472	182225.39063	8276324.50000
473	182401.67188	8276430.00000
474	182577.95313	8276359.50000
475	182648.46875	8276113.00000
476	182930.51563	8276113.00000
477	183142.04688	8275972.00000
478	182824.75000	8275584.00000
479	182648.46875	8275231.50000
480	184023.43750	8274138.50000
481	184869.57813	8273468.50000
482	185257.39063	8272940.00000
483	185539.43750	8272763.50000
484	185574.68750	8272622.50000
485	186279.81250	8272446.50000
486	186350.31250	8272340.50000
487	187055.43750	8272411.00000
488	187231.71875	8272552.00000
489	187549.01563	8272411.00000
490	187654.78125	8272058.50000
491	187972.07813	8271847.00000
492	188455.67188	8271882.00000
493	188959.25000	8271529.50000
494	189529.10938	8271071.50000

ZONA DE USO ESPECIAL 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

495	189911.15625	8270850.00000
496	190334.21875	8270955.50000
497	190722.03125	8270542.50000
498	191356.64063	8270049.00000
499	191955.98438	8269696.50000
500	192379.04688	8269273.50000
501	192731.60938	8268815.00000
502	193965.56250	8268321.50000
503	194774.26563	8267988.50000
504	194789.62500	8267977.00000
505	194793.42188	8267974.00000
506	194806.31250	8267970.50000
507	194794.10938	8267796.50000
508	194794.65625	8267764.50000
509	194777.56250	8267687.50000
510	194777.56250	8267595.00000
511	194770.95313	8267515.50000
512	194770.95313	8267462.50000
513	194744.50000	8267403.00000
514	194764.34375	8267323.50000
515	194751.10938	8267251.00000
516	194744.50000	8267178.00000
517	194770.95313	8267092.00000
518	194790.79688	8267019.50000
519	194823.87500	8266959.50000
520	194850.32813	8266933.50000
521	194870.17188	8266880.50000
522	194876.79688	8266840.50000
523	194923.09375	8266807.50000
524	194929.70313	8266754.50000
525	194962.78125	8266695.00000
526	195028.92188	8266589.50000
527	195042.15625	8266536.50000
528	195068.60938	8266496.50000
529	195101.63750	8266437.00000
530	195134.76563	8266377.50000
531	195187.67188	8266291.50000
532	195220.75000	8266212.50000
533	195253.82813	8266179.00000
534	195280.28125	8266086.50000
535	195306.73438	8266060.00000
536	195313.35938	8266014.00000
537	195326.57813	8265967.50000
538	195386.10938	8265888.00000
539	195405.95313	8265842.00000
540	195432.42188	8265802.00000
541	195445.64063	8265749.50000
542	195505.17188	8265656.50000
543	195531.64063	8265637.00000
544	195518.40625	8265584.00000
545	195564.70313	8265577.50000
546	195564.70313	8265557.50000
547	195571.32813	8265544.00000
548	195577.93750	8265524.50000
549	195542.76563	8265518.00000

ZONA DE USO ESPECIAL 1  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

550	195492,73438	8265546,00000
551	195428,59375	8265583,00000
552	195379,84375	8265611,00000
553	195302,82813	8265657,50000
554	195219,50000	8265699,50000
555	195174,56250	8265727,50000
556	195112,65625	8265792,00000
557	195103,95313	8265888,50000
558	195122,10938	8265976,00000
559	195187,60938	8266048,00000
560	195172,98438	8266102,50000
561	195142,67188	8266192,50000
562	195059,60938	8266210,50000
563	194980,28125	8266237,00000
564	194937,23438	8266324,50000
565	194890,48438	8266403,00000
566	194847,57813	8266478,00000
567	194803,37500	8266556,50000
568	194750,23438	8266635,00000
569	194704,67188	8266721,50000
570	194679,87500	8266773,50000
571	194657,64063	8266824,00000
572	194635,37500	8266878,50000
573	194616,98438	8266926,50000
574	194559,06250	8266977,50000
575	194476,46875	8266952,00000
576	194429,54688	8266929,50000
577	194378,82813	8266904,00000
578	194288,48438	8266888,00000
579	194237,92188	8266965,00000
580	194201,31250	8267047,50000
581	194167,20313	8267135,00000
582	194142,45313	8267183,00000
583	194102,18750	8267250,50000
584	194074,89063	8267298,50000
585	194046,32813	8267345,50000
586	194016,53125	8267388,50000
587	193987,92188	8267439,50000
588	193955,57813	8267482,50000
589	193924,48438	8267527,00000
590	193895,98438	8267568,50000
591	193857,17188	8267620,50000
592	193815,73438	8267677,50000
593	193775,59375	8267734,50000
594	193731,59375	8267794,50000
595	193687,56250	8267855,00000
596	193648,67188	8267913,50000
597	193617,46875	8267969,50000
598	193567,04688	8268032,50000
599	193530,76563	8268086,00000
600	193456,20313	8268142,00000
601	193409,95313	8268175,00000
602	193336,68750	8268229,50000
603	193287,90625	8268258,50000
604	193205,84375	8268301,50000

ZONA DE USO ESPECIAL 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

605	193155,85938	8268326,00000
606	193109,70313	8268348,50000
607	193023,89063	8268385,50000
608	192963,78125	8268402,00000
609	192874,35938	8268418,50000
610	192782,50000	8268425,00000
611	192721,26563	8268427,50000
612	192621,82813	8268428,00000
613	192517,42188	8268415,50000
614	192434,98438	8268376,00000
615	192379,23438	8268344,50000
616	192289,40625	8268282,50000
617	192246,39063	8268252,00000
618	192203,37500	8268222,00000
619	192124,98438	8268162,50000
620	192049,06250	8268110,50000
621	191977,06250	8268050,00000
622	191890,89063	8268003,00000
623	191797,78125	8268007,00000
624	191713,76563	8267995,50000
625	191649,32813	8267942,50000
626	191585,00000	8267879,50000
627	191516,85938	8267816,00000
628	191470,14063	8267774,50000
629	191398,10938	8267717,50000
630	191318,12500	8267686,00000
631	191335,01563	8267773,00000
632	191369,71875	8267863,00000
633	191394,56250	8267922,50000
634	191445,96875	8268001,00000
635	191503,84375	8268072,00000
636	191557,87500	8268143,00000
637	191580,28125	8268192,50000
638	191612,56250	8268271,00000
639	191638,76563	8268322,50000
640	191670,18750	8268364,50000
641	191742,00000	8268441,50000
642	191801,10938	8268515,00000
643	191852,57813	8268588,50000
644	191919,32813	8268662,00000
645	191956,65625	8268746,50000
646	191916,28125	8268824,00000
647	191846,85938	8268876,00000
648	191867,57813	8268962,00000
649	191872,73438	8269073,50000
650	191833,56250	8269157,50000
651	191756,37500	8269220,50000
652	191668,20313	8269238,50000
653	191575,17188	8269236,00000
654	191520,48438	8269223,50000
655	191440,53125	8269190,50000
656	191382,56250	8269128,50000
657	191300,96875	8269129,00000
658	191307,68750	8269213,50000
659	191326,21875	8269267,00000

ZONA DE USO ESPECIAL 1  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

660	191340.48438	8269360.50000
661	191283.50000	8269441.50000
662	191210.29688	8269490.00000
663	191138.29688	8269546.00000
664	191027.56250	8269529.50000
665	190975.40625	8269519.50000
666	190873.98438	8269467.50000
667	190818.75000	8269504.50000
668	190812.90625	8269571.50000
669	190776.25000	8269659.00000
670	190696.87500	8269689.50000
671	190623.57813	8269631.50000
672	190563.54688	8269640.50000
673	190503.37500	8269663.00000
674	190422.64063	8269701.50000
675	190323.96875	8269747.00000
676	190241.92188	8269789.00000
677	190170.01563	8269834.50000
678	190082.62500	8269898.00000
679	190065.37500	8269960.00000
680	190101.39063	8270046.00000
681	190136.10938	8270136.00000
682	190135.53125	8270188.00000
683	190126.01563	8270242.50000
684	190116.37500	8270307.00000
685	190093.75000	8270393.50000
686	190009.26563	8270424.00000
687	189926.67188	8270400.00000
688	189852.03125	8270347.00000
689	189781.29688	8270287.50000
690	189729.29688	8270262.00000
691	189675.93750	8270245.50000
692	189594.73438	8270210.50000
693	189517.42188	8270168.50000
694	189469.81250	8270209.00000
695	189483.25000	8270262.50000
696	189529.51563	8270343.50000
697	189575.67188	8270436.00000
698	189578.50000	8270527.00000
699	189591.57813	8270613.00000
700	189539.12500	8270629.50000
701	189444.65625	8270541.00000
702	189343.81250	8270652.50000
703	189295.17188	8270669.50000
704	189218.15625	8270717.50000
705	189139.87500	8270763.00000
706	189047.70313	8270799.00000
707	188941.51563	8270832.00000
708	188836.68750	8270858.50000
709	188754.87500	8270877.50000
710	188701.20313	8270889.00000
711	188613.04688	8270907.00000
712	188621.07813	8270988.00000
713	188592.20313	8271063.00000
714	188505.31250	8271080.50000

ZONA DE USO ESPECIAL 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

715	188423.17188	8271130.00000
716	188351.26563	8271177.00000
717	188305.01563	8271209.00000
718	188263.82813	8271245.50000
719	188205.57813	8271324.50000
720	188152.48438	8271399.00000
721	188122.68750	8271442.00000
722	188063.40625	8271500.50000
723	188018.48438	8271528.50000
724	187932.92188	8271541.50000
725	187860.70313	8271499.50000
726	187831.85938	8271456.50000
727	187800.93750	8271370.50000
728	187735.00000	8271337.50000
729	187686.20313	8271369.50000
730	187641.25000	8271400.00000
731	187556.56250	8271449.50000
732	187505.50000	8271455.50000
733	187415.12500	8271442.00000
734	187364.26563	8271430.50000
735	187277.81250	8271408.00000
736	187191.37500	8271385.00000
737	187107.00000	8271407.00000
738	187005.76563	8271452.50000
739	186927.59375	8271490.50000
740	186827.59375	8271540.00000
741	186778.92188	8271560.50000
742	186726.46875	8271576.50000
743	186676.59375	8271591.00000
744	186626.75000	8271602.50000
745	186560.25000	8271621.50000
746	186452.79688	8271654.50000
747	186360.67188	8271685.00000
748	186266.01563	8271713.00000
749	186213.57813	8271728.50000
750	186162.43750	8271741.00000
751	186102.31250	8271760.00000
752	186007.54688	8271798.50000
753	185916.68750	8271830.00000
754	185865.46875	8271849.00000
755	185816.79688	8271871.00000
756	185727.04688	8271916.50000
757	185618.14063	8271966.00000
758	185563.10938	8271985.00000
759	185504.20313	8272008.00000
760	185455.54688	8272027.00000
761	185358.29688	8272060.00000
762	185303.28125	8272078.00000
763	185240.60938	8272095.50000
764	185183.01563	8272116.00000
765	185116.45313	8272140.00000
766	185020.50000	8272170.50000
767	184969.31250	8272188.50000
768	184920.67188	8272206.50000
769	184836.17188	8272239.50000

ZONA DE USO ESPECIAL 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

770	184760.39063	8272290.00000
771	184684.57813	8272343.50000
772	184602.53125	8272385.50000
773	184555.15625	8272404.50000
774	184475.76563	8272435.00000
775	184393.98438	8272452.50000
776	184336.65625	8272449.00000
777	184284.40625	8272446.50000
778	184227.06250	8272444.00000
779	184166.43750	8272507.50000
780	184178.12500	8272605.00000
781	184210.37500	8272686.00000
782	184238.81250	8272766.00000
783	184192.64063	8272791.00000
784	184140.31250	8272796.50000
785	184056.98438	8272838.50000
786	184013.23438	8272875.00000
787	183952.50000	8272948.50000
788	183881.37500	8273040.00000
789	183814.14063	8273126.00000
790	183785.60938	8273169.50000
791	183753.23438	8273216.00000
792	183703.95313	8273291.00000
793	183642.15625	8273345.50000
794	183586.06250	8273345.50000
795	183493.06250	8273339.50000
796	183419.78125	8273395.00000
797	183334.26563	8273404.00000
798	183282.04688	8273400.50000
799	183202.62500	8273435.00000
800	183200.37500	8273522.00000
801	183175.64063	8273569.00000
802	183120.00000	8273644.00000
803	183063.14063	8273712.50000
804	182990.84375	8273795.00000
805	182909.06250	8273811.50000
806	182818.81250	8273787.50000
807	182795.37500	8273832.00000
808	182733.53125	8273891.50000
809	182691.04688	8273929.50000
810	182610.00000	8273995.50000
811	182530.32813	8274052.50000
812	182468.68750	8274092.00000
813	182411.04688	8274117.50000
814	182315.20313	8274137.50000
815	182225.76563	8274155.50000
816	182175.96875	8274162.00000
817	182080.12500	8274182.50000
818	182025.06250	8274205.00000
819	181980.15625	8274230.50000
820	181944.90625	8274306.50000
821	181952.81250	8274399.00000
822	181956.93750	8274486.50000
823	181990.90625	8274528.50000
824	182023.64063	8274566.50000

ZONA DE USO ESPECIAL 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

825	182091.51563	8274653.50000
826	182108.78125	8274707.00000
827	182065.81250	8274788.00000
828	181981.45313	8274808.50000
829	181891.03125	8274799.50000
830	181796.81250	8274788.00000
831	181706.46875	8274772.00000
832	181653.65625	8274821.50000
833	181634.79688	8274912.50000
834	181594.37500	8274995.00000
835	181520.89063	8275068.50000
836	181467.76563	8275147.00000
837	181443.06250	8275190.50000
838	181359.89063	8275218.50000
839	181334.54688	8275319.50000
840	181307.31250	8275361.50000
841	181255.46875	8275439.00000
842	181230.73438	8275485.50000
843	181166.25000	8275551.50000
844	181071.57813	8275582.00000
845	180983.46875	8275595.00000
846	180944.23438	8275685.00000
847	180909.35938	8275727.00000
848	180836.01563	8275787.50000
849	180760.21875	8275840.00000
850	180678.37500	8275862.50000
851	180624.79688	8275865.50000
852	180511.20313	8275877.00000
853	180459.98438	8275897.00000
854	180420.95313	8275969.50000
855	180454.51563	8276046.50000
856	180535.62500	8276091.00000
857	180616.62500	8276144.00000
858	180693.71875	8276206.00000
859	180734.09375	8276244.00000
860	180768.84375	8276330.00000
861	180760.23438	8276417.50000
862	180739.28125	8276468.00000
863	180664.79688	8276516.50000
864	180575.59375	8276512.50000
865	180480.12500	8276500.00000
866	180384.60938	8276491.50000



ZONA DE USO ESPECIAL 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	187645.70313	8274222.00000
2	187545.50000	8274258.00000
3	187550.20313	8274388.00000
4	187508.09375	8274527.00000
5	187632.35938	8274568.50000
6	187655.28125	8274641.50000
7	187705.56250	8274740.50000
8	187705.92188	8274746.00000
9	187709.60938	8274802.50000
10	187665.92188	8274833.00000
11	187636.06250	8274882.50000
12	187704.26563	8274940.50000
13	187708.12500	8274945.50000
14	187704.70313	8274973.00000
15	187702.20313	8275080.00000
16	187751.85938	8275205.50000
17	187748.26563	8275228.00000
18	187755.42188	8275272.50000
19	187750.00000	8275327.00000
20	187725.00000	8275418.00000
21	187688.76563	8275422.00000
22	187605.01563	8275386.50000
23	187527.81250	8275335.00000
24	187495.29688	8275278.00000
25	187456.70313	8275193.00000
26	187431.75000	8275143.50000
27	187419.57813	8275091.50000
28	187399.82813	8275045.50000
29	187266.00000	8275030.00000
30	187215.12500	8275018.50000
31	187117.00000	8275015.00000
32	187050.39063	8275017.50000
33	186957.00000	8274926.00000
34	186872.50000	8274947.00000
35	186825.59375	8274992.00000
36	186731.90625	8275082.00000
37	186701.51563	8275117.00000
38	186686.14063	8275125.50000
39	186639.82813	8275163.50000
40	186572.20313	8275223.50000
41	186560.29688	8275231.00000
42	186549.37500	8275253.50000
43	186518.57813	8275291.50000
44	186457.81250	8275368.00000
45	186445.46875	8275387.50000
46	186426.40625	8275404.00000
47	186339.90625	8275510.00000
48	186261.09375	8275615.00000
49	186234.59375	8275768.00000
50	186282.50000	8275785.00000
51	186348.29688	8275808.00000
52	186539.70313	8275790.00000
53	186679.00000	8275716.00000

ZONA DE USO ESPECIAL 2  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

54	186847.70313	8275689.00000
55	186915.50000	8275729.00000
56	186969.79688	8275823.00000
57	187095.09375	8275894.00000
58	187123.90625	8275971.00000
59	187184.09375	8276011.00000
60	187350.70313	8276076.00000
61	187410.29688	8276138.00000
62	187477.29688	8276216.00000
63	187637.09375	8276243.00000
64	187765.40625	8276315.00000
65	187708.20313	8276474.00000
66	187668.20313	8276550.00000
67	187613.50000	8276602.00000
68	187521.00000	8276639.00000
69	187451.20313	8276683.00000
70	187276.29688	8276648.00000
71	187184.59375	8276646.00000
72	187130.79688	8276660.00000
73	187061.90625	8276667.00000
74	186969.79688	8276688.00000
75	186831.40625	8276723.00000
76	186738.40625	8276782.00000
77	186615.79688	8276794.00000
78	186485.29688	8276822.00000
79	186416.50000	8276821.00000
80	186324.20313	8276849.00000
81	186246.09375	8276924.00000
82	186213.70313	8277000.00000
83	186210.20313	8277153.00000
84	186199.59375	8277283.00000
85	186128.70313	8277373.00000
86	186125.70313	8277503.00000
87	186139.70313	8277557.00000
88	186053.40625	8277655.00000
89	185899.29688	8277713.00000
90	185852.40625	8277758.00000
91	185721.09375	8277816.00000
92	185605.00000	8277882.00000
93	185595.59375	8277959.00000
94	185546.79688	8278088.00000
95	185507.29688	8278141.00000
96	185503.59375	8278301.00000
97	185517.09375	8278378.00000
98	185522.59375	8278470.00000
99	185482.70313	8278546.00000
100	185442.40625	8278637.00000
101	185369.59375	8278811.00000
102	185368.09375	8278873.00000
103	185335.29688	8278971.00000
104	185325.50000	8279063.00000
105	185308.79688	8279124.00000
106	185249.70313	8279368.00000
107	185262.50000	8279475.00000

ZONA DE USO ESPECIAL 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

108	185327.90625	8279622.00000
109	185348.70313	8279714.00000
110	185392.70313	8279792.00000
111	185484.29688	8279794.00000
112	185647.00000	8279698.00000
113	185687.70313	8279592.00000
114	185720.90625	8279478.00000
115	185739.20313	8279348.00000
116	185756.79688	8279249.00000
117	185752.09375	8279118.00000
118	185778.59375	8278966.00000
119	185896.79688	8278808.00000
120	185952.59375	8278709.00000
121	186014.79688	8278665.00000
122	186077.40625	8278597.00000
123	186132.79688	8278514.00000
124	186202.50000	8278478.00000
125	186303.50000	8278403.00000
126	186481.29688	8278315.00000
127	186506.09375	8278232.00000
128	186623.00000	8276135.00000
129	186769.29688	8278084.00000
130	186869.50000	8278048.00000
131	186923.00000	8278049.00000
132	187093.09375	8277961.00000
133	187253.50000	8277965.00000
134	187390.50000	8277983.00000
135	187589.29688	8277980.00000
136	187702.20313	8278051.00000
137	187777.20313	8278114.00000
138	187812.50000	8278238.00000
139	187818.79688	8278299.00000
140	187922.70313	8278432.00000
141	188036.50000	8278465.00000
142	188172.50000	8278529.00000
143	188264.20313	8278531.00000
144	188339.00000	8278602.00000
145	188429.40625	8278657.00000
146	188474.50000	8278689.00000
147	188563.79688	8278790.00000
148	188577.09375	8278875.00000
149	188619.59375	8279021.00000
150	188585.70313	8279166.00000
151	188567.90625	8279273.00000
152	188520.70313	8279333.00000
153	188435.79688	8279370.00000
154	188250.90625	8279434.00000
155	188157.00000	8279532.00000
156	188071.70313	8279583.00000
157	187980.09375	8279581.00000
158	187827.40625	8279578.00000
159	187689.90625	8279575.00000
160	187605.50000	8279588.00000
161	187445.00000	8279593.00000

ZONA DE USO ESPECIAL 2  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

162	187275.00000	8279673.00000
163	187205.79688	8279694.00000
164	187036.20313	8279760.00000
165	186943.29688	8279811.00000
166	186804.59375	8279862.00000
167	186719.20313	8279921.00000
168	186569.50000	8280117.00000
169	186534.50625	8280292.00000
170	186509.59375	8280391.00000
171	186507.50000	8280483.00000
172	186582.29688	8280553.00000
173	186658.09375	8280578.00000
174	186788.70313	8280550.00000
175	186859.29688	8280468.00000
176	187005.50000	8280425.00000
177	187175.50000	8280345.00000
178	187261.59375	8280255.00000
179	187323.79688	8280210.00000
180	187384.79688	8280211.00000
181	187477.70313	8280160.00000
182	187585.50000	8280124.00000
183	187647.00000	8280110.00000
184	187770.20313	8280067.00000
185	187885.29688	8280046.00000
186	188007.50000	8280049.00000
187	188060.20313	8280081.00000
188	188112.40625	8280136.00000
189	188153.59375	8280236.00000
190	188159.90625	8280397.00000
191	188158.09375	8280474.00000
192	188152.40625	8280719.00000
193	188141.79688	8280846.00000
194	188131.70313	8280955.00000
195	188223.90625	8281006.00000
196	188299.00000	8280990.00000
197	188501.79688	8280811.00000
198	188598.90625	8280575.00000
199	188617.50000	8280430.00000
200	188628.40625	8280293.00000
201	188630.79688	8280186.00000
202	188550.20313	8280038.00000
203	188552.20313	8279954.00000
204	188569.50000	8279863.00000
205	188640.59375	8279765.00000
206	188743.09375	8279629.00000
207	188874.09375	8279578.00000
208	188989.40625	8279550.00000
209	189162.50000	8279332.00000
210	189248.79688	8279234.00000
211	189303.70313	8279174.00000
212	189428.00000	8279085.00000
213	189559.29688	8279027.00000
214	189698.50000	8278953.00000
215	189760.59375	8278909.00000

ZONA DE USO ESPECIAL 2  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

216	189808.59375	8278818.00000
217	189771.59375	8278764.00000
218	189755.31250	8278739.50000
219	189752.31250	8278735.00000
220	189684.53125	8278737.00000
221	189592.37500	8278746.50000
222	189592.37500	8278645.00000
223	189656.89063	8278562.00000
224	189661.62500	8278558.50000
225	189654.59375	8278539.00000
226	189525.79688	8278490.00000
227	189457.09375	8278489.00000
228	189365.29688	8278494.00000
229	189273.59375	8278492.00000
230	189181.29688	8278521.00000
231	189159.03125	8278523.00000
232	189149.98438	8278617.50000
233	189113.10938	8278654.00000
234	188947.21875	8278638.00000
235	188836.60938	8278543.50000
236	188842.79688	8278507.00000
237	188807.50000	8278497.00000
238	188799.62500	8278366.50000
239	188569.34375	8278350.00000
240	188514.03125	8278341.00000
241	188338.92188	8278258.00000
242	188265.18750	8278175.00000
243	188219.10938	8278000.00000
244	188320.48438	8277843.00000
245	188412.65625	8277732.50000
246	188477.17188	8277769.50000
247	188569.34375	8277898.50000
248	188643.06250	8278009.00000
249	188661.50000	8278092.00000
250	188624.64063	8278230.00000
251	188772.09375	8278212.00000
252	188808.96875	8278147.50000
253	188855.04688	8278036.50000
254	188947.21875	8278055.00000
255	189050.09375	8278141.00000
256	189160.50000	8278099.00000
257	189278.20313	8277964.00000
258	189325.50000	8277904.00000
259	189412.50000	8277776.00000
260	189467.00000	8277731.00000
261	189463.51563	8277654.50000
262	189286.21875	8277622.00000
263	189251.35938	8277483.50000
264	189196.06250	8277474.50000
265	189113.10938	8277493.00000
266	188984.07813	8277419.00000
267	189048.59375	8277299.50000
268	189140.76563	8277271.50000
269	189273.29688	8277292.00000

ZONA DE USO ESPECIAL 2  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

270	189306.65625	8277225.50000
271	189297.43750	8277124.50000
272	189380.39063	8277041.50000
273	189417.25000	8277041.50000
274	189417.25000	8277189.00000
275	189429.07813	8277228.50000
276	189463.79688	8277210.00000
277	189547.79688	8277212.00000
278	189569.03125	8277218.50000
279	189564.71875	8277179.50000
280	189601.57813	8277087.50000
281	189592.37500	8276912.50000
282	189675.31250	8276921.50000
283	189702.96875	8276095.00000
284	189693.75000	8277013.50000
285	189675.31250	8277124.50000
286	189684.15625	8277248.00000
287	189737.79688	8277254.00000
288	189829.29688	8277264.00000
289	189920.20313	8277297.00000
290	190072.59375	8277315.00000
291	190104.25000	8277319.50000
292	190100.01563	8277352.00000
293	190090.34375	8277420.50000
294	190083.29688	8277481.50000
295	190080.09375	8277541.00000
296	190079.50000	8277594.00000
297	190087.43750	8277684.00000
298	190100.54688	8277781.00000
299	190117.70313	8277788.00000
300	190209.87500	8277797.00000
301	190228.31250	8277861.50000
302	190228.31250	8277963.00000
303	190320.46875	8277963.00000
304	190366.56250	8278018.50000
305	190514.01563	8278009.00000
306	190587.75000	8278027.50000
307	190643.04688	8278092.00000
308	190707.56250	8278212.00000
309	190790.51563	8278129.00000
310	190753.65625	8277953.50000
311	190643.04688	8277880.00000
312	190550.89063	8277861.50000
313	190412.64063	8277852.50000
314	190403.42188	8277760.00000
315	190338.90625	8277557.50000
316	190265.17188	8277456.00000
317	190375.76563	8277391.50000
318	190514.01563	8277391.50000
319	190606.19750	8277354.50000
320	190550.89063	8277290.00000
321	190494.90625	8277262.00000
322	190440.28125	8277235.00000
323	190219.09375	8277170.50000

ZONA DE USO ESPECIAL 4  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

324	190071.62500	8277078.00000
325	190043.98438	8276967.50000
326	190053.18750	8276857.00000
327	190034.76563	8276792.50000
328	190034.76563	8276728.00000
329	190136.14063	8276617.50000
330	190108.50000	8276553.00000
331	189850.43750	8276525.00000
332	189758.26563	8276368.50000
333	189666.09375	8276175.00000
334	189592.37500	8275963.00000
335	189527.85938	8275843.00000
336	189481.76563	8275677.50000
337	189417.25000	8275548.00000
338	189352.73438	8275493.00000
339	189269.79688	8275502.00000
340	189223.70313	8275502.00000
341	189149.98438	8275465.50000
342	189103.89063	8275327.00000
343	189149.98438	8275198.00000
344	189140.76563	8275133.50000
345	189057.81250	8275078.00000
346	188965.64063	8275032.00000
347	188938.00000	8274995.00000
348	188965.64063	8274912.50000
349	189011.73438	8274866.00000
350	189002.51563	8274829.50000
351	188938.00000	8274792.50000
352	188882.70313	8274765.00000
353	188744.45313	8274774.00000
354	188569.34375	8274608.00000
355	188643.06250	8274543.50000
356	188781.31250	8274636.00000
357	188855.04688	8274617.50000
358	188951.90625	8274595.00000
359	188974.85938	8274589.50000
360	188972.28125	8274574.00000
361	188925.87500	8274569.00000
362	188832.14063	8274513.50000
363	188755.09375	8274449.00000
364	188679.43750	8274373.00000
365	188595.57813	8274346.50000
366	188508.65625	8274368.00000
367	188456.26563	8274378.50000
368	188397.57813	8274382.50000
369	188344.09375	8274377.50000
370	188245.84375	8274359.00000
371	188192.15625	8274335.50000
372	188162.57813	8274319.50000
373	188012.09375	8274237.00000
374	187953.98438	8274235.50000
375	187932.56250	8274235.00000
376	187874.03125	8274227.00000
377	187811.57813	8274226.00000

ZONA DE USO ESPECIAL 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

378	187767.56250	8274230.50000
379	187759.04688	8274231.50000
380	187749.43750	8274230.50000
381	187645.70313	8274222.00000



ZONA DE USO ESPECIAL 3  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

CODIGO	Coord_x	Coord_Y
1	157275.35938	8271457.50000
2	157218.78125	8271494.00000
3	157207.31250	8271599.50000
4	157230.42188	8271694.50000
5	157343.14063	8271870.50000
6	157419.35938	8272112.50000
7	157495.56250	8272356.00000
8	157544.43750	8272536.00000
9	157526.00000	8272584.00000
10	157437.82813	8272595.50000
11	157320.90625	8272556.50000
12	157204.67188	8272460.00000
13	157075.14063	8272409.50000
14	156870.64063	8272451.00000
15	156839.26563	8273617.00000
16	156933.62500	8273649.50000
17	157025.28125	8273661.00000
18	157092.28125	8273713.00000
19	157184.71875	8273771.00000
20	157249.07813	8273830.50000
21	157309.48438	8273901.50000
22	157398.28125	8273942.00000
23	157451.70313	8273954.50000
24	157543.39063	8273963.00000
25	157598.12500	8273970.50000
26	157653.04688	8273962.00000
27	157751.42188	8273942.50000
28	157803.76563	8273936.00000
29	157862.65625	8273913.50000
30	157903.82813	8273880.50000
31	157937.42188	8273840.00000
32	158024.46875	8273806.50000
33	158115.89063	8273841.00000
34	158205.14063	8273840.50000
35	158289.59375	8273811.50000
36	158356.53125	8273753.00000
37	158432.28125	8273705.00000
38	158488.25000	8273716.00000
39	158547.34375	8273792.00000
40	158580.01563	8273835.00000
41	158658.57813	8273879.50000
42	158708.06250	8273899.50000
43	158771.00000	8273973.00000
44	158818.59375	8274050.50000
45	158867.50000	8274125.00000
46	158913.75000	8274208.50000
47	158970.37500	8274277.00000
48	159005.57813	8274321.00000
49	159044.67188	8274360.50000
50	159090.25000	8274389.50000
51	159140.96875	8274413.50000
52	159229.85938	8274446.50000
53	159316.04688	8274492.00000
54	159385.60938	8274542.50000

ZONA DE USO ESPECIAL 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

55	159442.04688	8274627.00000
56	159482.40625	8274666.50000
57	159560.78125	8274727.00000
58	159610.39063	8274738.50000
59	159697.01563	8274743.50000
60	159754.12500	8274767.50000
61	159844.28125	8274800.00000
62	159893.84375	8274815.50000
63	159977.65625	8274844.50000
64	160063.98438	8274878.50000
65	160117.23438	8274905.00000
66	160186.81250	8274954.50000
67	160227.25000	8274987.50000
68	160266.37500	8275022.50000
69	160295.21875	8275065.50000
70	160331.35938	8275141.50000
71	160346.09375	8275193.50000
72	160378.15625	8275291.00000
73	160396.71875	8275342.00000
74	160418.95313	8275407.50000
75	160446.03125	8275495.00000
76	160468.00000	8275583.50000
77	160469.56250	8275673.50000
78	160471.46875	8275733.00000
79	160481.01563	8275791.50000
80	160496.87500	8275857.50000
81	160521.26563	8275957.50000
82	160566.26563	8276038.50000
83	160592.48438	8276089.00000
84	160631.14063	8276167.50000
85	160725.15625	8276196.50000
86	160774.93750	8276191.50000
87	160861.51563	8276201.50000
88	160959.29688	8276236.50000
89	161018.89063	8276267.00000
90	161096.17188	8276311.50000
91	161188.76563	8276354.50000
92	161260.93750	8276400.00000
93	161322.68750	8276464.50000
94	161368.23438	8276496.00000
95	161419.00000	8276517.50000
96	161505.79688	8276508.50000
97	161577.21875	8276504.50000
98	161628.95313	8276554.00000
99	161639.40625	8276646.50000
100	161600.23438	8276731.50000
101	161615.87500	8276815.00000
102	161611.04688	8276907.50000
103	161645.84375	8276988.50000
104	161670.85938	8277032.50000
105	161729.96875	8277106.00000
106	161807.21875	8277153.00000
107	161900.07813	8277172.00000
108	161995.53125	8277187.00000
109	162057.42188	8277240.00000

ZONA DE USO ESPECIAL 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

110	162108.95313	8277307.00000
111	162163.78125	8277306.00000
112	162239.73438	8277355.00000
113	162301.39063	8277428.50000
114	162339.20313	8277469.00000
115	162411.17188	8277532.00000
116	162454.12500	8277567.50000
117	162497.06250	8277604.50000
118	162557.57813	8277666.50000
119	162566.73438	8277761.50000
120	162554.67188	8277814.50000
121	162572.73438	8277911.00000
122	162650.15625	8277942.50000
123	162734.42188	8277932.00000
124	162830.23438	8277914.50000
125	162875.21875	8277880.00000
126	162944.82813	8277811.50000
127	163025.56250	8277773.50000
128	163084.26563	8277768.50000
129	163168.14063	8277792.00000
130	163255.87500	8277813.50000
131	163339.00000	8277791.00000
132	163432.23438	8277775.50000
133	163517.15625	8277819.50000
134	163506.40625	8277870.50000
135	163506.79688	8277950.00000
136	163569.81250	8278016.00000
137	163645.70313	8278071.50000
138	163713.96875	8278125.00000
139	163780.79688	8278192.00000
140	163856.73438	8278242.50000
141	163938.93750	8278302.00000
142	164008.48438	8278353.50000
143	164051.48438	8278385.50000
144	164097.07813	8278413.00000
145	164141.40625	8278439.50000
146	164217.29688	8278495.50000
147	164252.59375	8278531.00000
148	164315.54688	8278603.00000
149	164391.25000	8278675.00000
150	164459.43750	8278734.50000
151	164522.51563	8278795.00000
152	164559.10938	8278829.50000
153	164618.31250	8278894.00000
154	164680.07813	8278958.50000
155	164747.03125	8279014.00000
156	164792.65625	8279039.50000
157	164875.23438	8279066.00000
158	164965.34375	8279102.50000
159	165014.71875	8279134.00000
160	165089.45313	8279178.50000
161	165178.29688	8279213.50000
162	165267.23438	8279241.50000
163	165356.14063	8279272.00000
164	165406.90625	8279293.00000

ZONA DE USO ESPECIAL 3  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

165	165457.57813	8279322.50000
166	165507.03125	8279346.50000
167	165591.95313	8279392.00000
168	165577.84375	8279465.00000
169	165744.65625	8279533.50000
170	165812.81250	8279595.50000
171	165848.07813	8279636.00000
172	165879.48438	8279678.00000
173	165945.06250	8279742.50000
174	165985.51563	8279774.00000
175	166036.17188	8279805.50000
176	166128.59375	8279863.50000
177	166172.85938	8279895.50000
178	166250.01563	8279951.00000
179	166327.29688	8279995.00000
180	166412.40625	8280024.00000
181	166497.57813	8280045.50000
182	166547.12500	8280062.00000
183	166596.65625	8280078.50000
184	166689.26563	8280120.00000
185	166767.76563	8280169.50000
186	166810.81250	8280197.50000
187	166890.54688	8280250.50000
188	166969.25000	8280280.50000
189	167055.71875	8280301.00000
190	167105.59375	8280288.00000
191	167190.09375	8280255.00000
192	167284.26563	8280270.00000
193	167383.39063	8280299.00000
194	167429.03125	8280322.00000
195	167478.43750	8280351.00000
196	167563.25000	8280406.50000
197	167645.57813	8280454.50000
198	167735.56250	8280504.00000
199	167830.87500	8280530.50000
200	167918.68750	8280545.50000
201	168005.10938	8280569.50000
202	168054.76563	8280576.00000
203	168147.84375	8280574.50000
204	168210.37500	8280569.50000
205	168262.76563	8280558.00000
206	168323.45313	8280488.00000
207	168344.37500	8280441.00000
208	168380.92188	8280364.00000
209	168417.54688	8280280.00000
210	168413.43750	8280189.00000
211	168413.12500	8280101.50000
212	168440.35938	8280059.50000
213	168528.51563	8280043.00000
214	168616.35938	8280054.50000
215	168705.59375	8280055.50000
216	168797.43750	8280050.50000
217	168849.73438	8280048.00000
218	168947.89063	8280049.00000
219	168998.98438	8280040.00000

ZONA DE USO ESPECIAL 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

220	169078.50000	8279997.00000
221	169146.70313	8279940.00000
222	169120.95313	8279846.00000
223	169147.31250	8279768.50000
224	169196.57813	8279694.00000
225	169224.28125	8279609.00000
226	169239.31250	8279518.00000
227	169247.53125	8279466.00000
228	169279.53125	8279339.00000
229	169262.31250	8279282.00000
230	169254.68750	8279163.00000
231	169235.21875	8279099.50000
232	168987.76563	8278879.00000
233	168912.87500	8278846.00000
234	168810.90625	8278837.50000
235	168885.01563	8278802.00000
236	168814.62500	8278713.50000
237	168532.15625	8278567.50000
238	168495.65625	8278526.00000
239	168408.48438	8278559.00000
240	168350.87500	8278575.50000
241	168246.18750	8278580.50000
242	168226.60938	8278511.00000
243	168242.54688	8278457.50000
244	168261.78125	8278343.50000
245	168234.75000	8278256.00000
246	168140.78125	8278219.50000
247	167956.89063	8278125.50000
248	167870.78125	8278070.00000
249	167784.96875	8278098.00000
250	167788.14063	8278152.50000
251	167814.17188	8278216.00000
252	167855.71875	8278369.00000
253	167832.67188	8278483.50000
254	167809.98438	8278567.00000
255	167749.95313	8278572.00000
256	167674.78125	8278562.00000
257	167621.73438	8278517.50000
258	167531.03125	8278526.50000
259	167479.96875	8278529.00000
260	167416.34375	8278514.00000
261	167345.10938	8278496.50000
262	167297.37500	8278433.00000
263	167274.06250	8278356.00000
264	167249.45313	8278279.50000
265	167193.40625	8278164.50000
266	167113.03125	8278057.00000
267	167066.54688	8277997.00000
268	167032.76563	8277940.00000
269	166990.10938	8277879.50000
270	166913.67188	8277763.00000
271	166840.67188	8277679.50000
272	166766.53125	8277690.50000
273	166657.68750	8277724.00000
274	166529.70313	8277755.50000

ZONA DE USO ESPECIAL 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

275	166422.50000	8277758.00000
276	166315.46875	8277745.50000
277	166236.10938	8277659.50000
278	166212.95313	8277569.50000
279	166105.95313	8277448.00000
280	166036.96875	8277454.50000
281	165980.89063	8277449.50000
282	165934.53125	8277378.50000
283	165893.32813	8277302.50000
284	165915.87500	8277231.50000
285	165938.18750	8277179.50000
286	165928.56250	8277130.00000
287	165800.95313	8277131.50000
288	165743.84375	8277106.00000
289	165684.98438	8277013.50000
290	165628.46875	8276937.50000
291	165585.93750	8276866.50000
292	165567.71875	8276789.00000
293	165548.42188	8276695.50000
294	165487.35938	8276680.50000
295	165449.82813	8276618.00000
296	165378.21875	8276524.50000
297	165319.03125	8276460.00000
298	165241.93750	8276398.00000
299	165207.96438	8276356.00000
300	165105.12500	8276314.50000
301	165012.45313	8276275.00000
302	164927.54688	8276227.00000
303	164866.01563	8276190.50000
304	164812.17188	8276165.00000
305	164711.95313	8276117.00000
306	164643.42188	8276085.50000
307	164533.21875	8276018.00000
308	164476.32813	8275975.00000
309	164410.43750	8275936.00000
310	164321.65625	8275891.50000
311	164242.90625	8275861.50000
312	164197.31250	8275833.50000
313	164027.71875	8275717.00000
314	163956.90625	8275664.00000
315	163903.82813	8275620.50000
316	163837.95313	8275581.50000
317	163764.29688	8275552.50000
318	163650.75000	8275444.50000
319	163604.09375	8275399.00000
320	163535.90625	8275338.50000
321	163469.20313	8275262.50000
322	163386.87500	8275210.50000
323	163325.03125	8275154.50000
324	163245.35938	8275095.00000
325	163212.96875	8275029.50000
326	163184.15625	8274985.00000
327	163167.12500	8274915.50000
328	163156.32813	8274857.00000
329	163122.75000	8274785.00000

ZONA DE USO ESPECIAL 3  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

330	163120.89063	8274726.50000
331	163107.54688	8274669.50000
332	163125.89063	8274522.50000
333	163223.81250	8274442.50000
334	163273.95313	8274304.00000
335	163335.89063	8274246.00000
336	163600.82813	8274177.00000
337	163859.75000	8274292.50000
338	163837.00000	8274168.00000
339	163852.07813	8274080.50000
340	163889.89063	8274012.00000
341	164019.48438	8273952.50000
342	163986.10938	8273862.50000
343	163853.57813	8273848.50000
344	163695.43750	8273841.00000
345	163560.18750	8273735.00000
346	163428.95313	8273613.50000
347	163305.81250	8273560.00000
348	162999.95313	8273636.50000
349	162690.71875	8273781.00000
350	162399.95313	8273875.50000
351	162172.85938	8273980.50000
352	161970.00000	8273979.50000
353	161757.79688	8273800.00000
354	161660.89063	8273793.50000
355	161455.07813	8273826.50000
356	161309.03125	8273875.00000
357	161209.26563	8273789.00000
358	161076.00000	8273516.50000
359	160916.90625	8273590.00000
360	160788.45313	8273661.00000
361	160514.03125	8273562.50000
362	160479.59375	8273455.00000
363	160426.00000	8273455.00000
364	160387.28125	8273491.50000
365	160176.51563	8273618.50000
366	159735.70313	8273456.50000
367	159524.43750	8273411.50000
368	159443.35938	8273042.50000
369	159475.64063	8272904.50000
370	159611.48438	8272747.00000
371	159579.98438	8272607.50000
372	159564.93750	8272478.50000
373	159463.89063	8272500.00000
374	159386.85938	8272539.50000
375	158885.76563	8272296.50000
376	158613.07813	8272159.50000
377	158480.12500	8271967.00000
378	158269.26563	8271781.00000
379	158070.70313	8271634.00000
380	157747.67188	8271545.50000
381	157495.96875	8271468.50000
382	157275.35938	8271457.50000

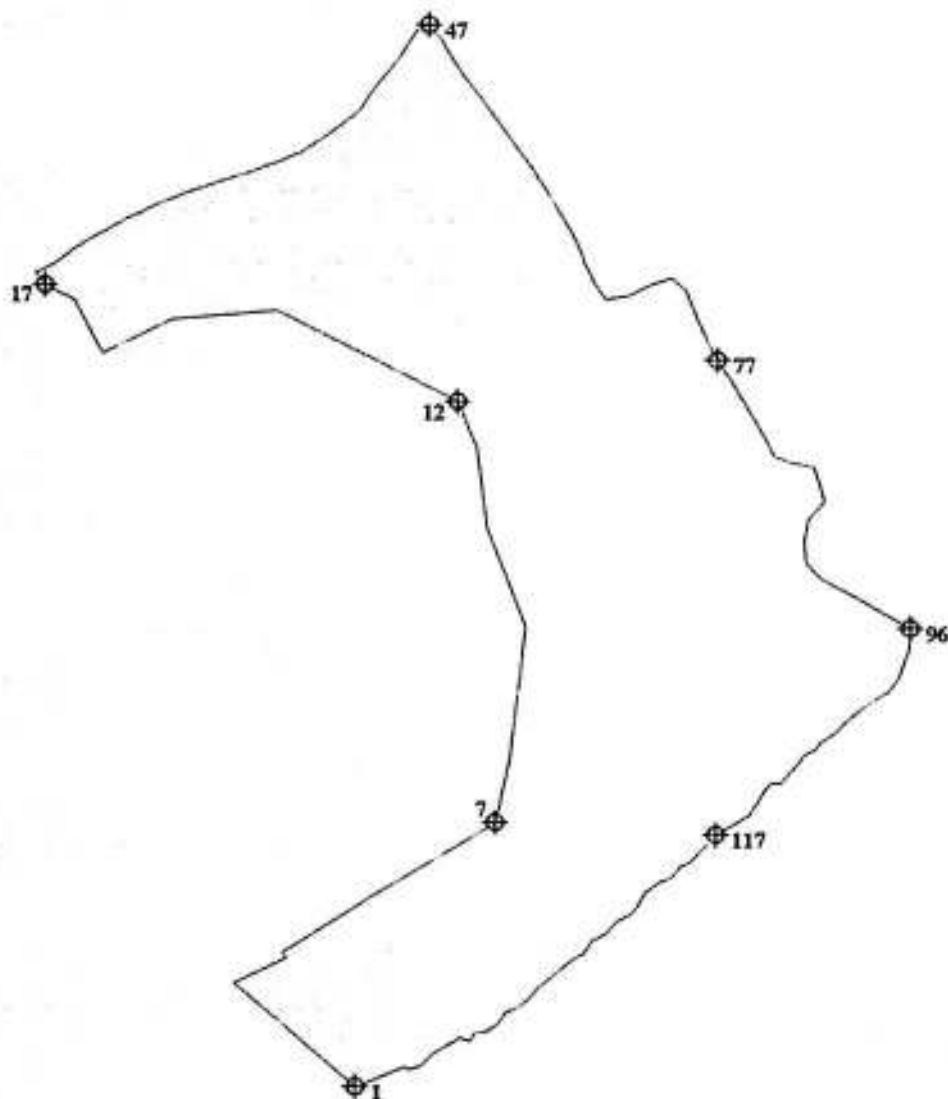
ZONA DE USO ESPECIAL 4  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

CÓDIGO	Coord_X	Coord_Y
1	192270.01563	8272382.00000
2	192252.78125	8272387.50000
3	192247.48438	8272407.00000
4	192270.01563	8272382.00000





## ZONA DE USO URBANO CONTROLADO I - N.º 1 APA DA CAFURINGA

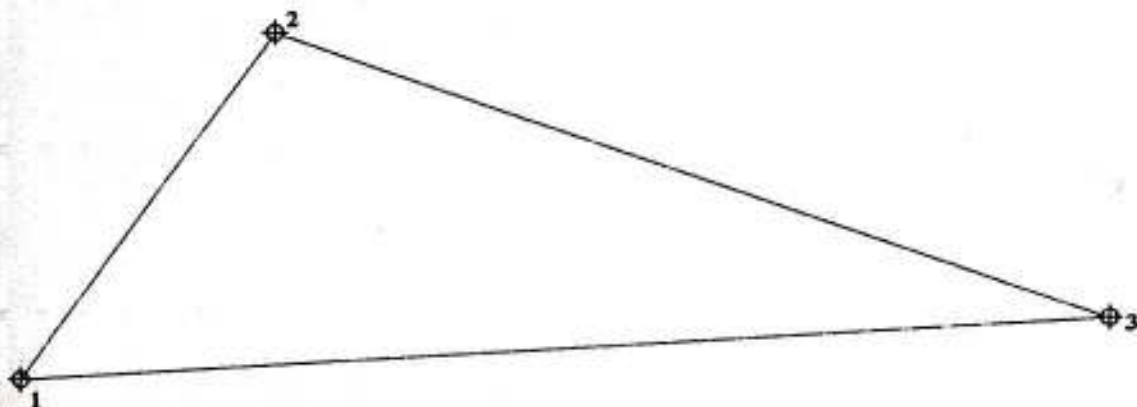


ESCALA 1:30.000





## ZONA DE USO URBANO CONTROLADO I - N.º 2 APA DA CAFURINGA



ESCALA 1:250



ZONA DE USO URBANO CONTROLADO I I  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	193282,67188	8263599,50000
2	192779,96875	8264029,50000
3	192796,79688	8264037,50000
4	192999,81250	8264137,00000
5	192977,92188	8264158,50000
6	193329,37500	8264382,50000
7	193848,67188	8264702,00000
8	193908,59375	8264981,50000
9	193968,50000	8265520,50000
10	193808,71875	8265940,00000
11	193768,78125	8266259,50000
12	193688,89063	8266459,50000
13	192949,87500	8266839,00000
14	192510,46875	8266799,00000
15	192230,85938	8266659,00000
16	192111,01563	8266879,00000
17	191991,17188	8266939,00000
18	191951,01563	8266990,50000
19	192026,56250	8267027,50000
20	192104,95313	8267087,00000
21	192146,71875	8267116,00000
22	192193,59375	8267142,50000
23	192269,59375	8267187,00000
24	192317,75000	8267213,50000
25	192367,21875	8267236,00000
26	192411,57813	8267260,00000
27	192457,25000	8267280,50000
28	192509,29688	8267300,50000
29	192605,76563	8267339,50000
30	192660,39063	8267357,50000
31	192723,89063	8267379,00000
32	192789,95313	8267400,00000
33	192852,20313	8267420,50000
34	192904,23438	8267442,00000
35	192955,01563	8267461,00000
36	193037,48438	8267497,50000
37	193112,15625	8267547,00000
38	193165,28125	8267586,00000
39	193236,10938	8267638,00000
40	193282,84375	8267677,00000
41	193339,28125	8267762,00000
42	193369,40625	8267805,00000
43	193407,14063	8267850,50000
44	193442,34375	8267896,00000
45	193490,00000	8267967,00000
46	193517,56250	8268011,00000
47	193567,04688	8268032,50000
48	193617,46875	8267969,50000
49	193648,67188	8267913,50000
50	193687,56250	8267855,00000
51	193731,59375	8267794,50000
52	193775,59375	8267734,50000
53	193815,73438	8267677,50000
54	193857,17188	8267620,50000

ZONA DE USO URBANO CONTROLADO I I  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

55	193895.98438	8267568.50000
56	193924.48438	8267527.00000
57	193955.57813	8267482.50000
58	193987.92188	8267439.50000
59	194016.53125	8267388.50000
60	194046.32813	8267345.50000
61	194074.89063	8267298.50000
62	194102.18750	8267250.50000
63	194142.45313	8267183.00000
64	194167.20313	8267135.00000
65	194201.31250	8267047.50000
66	194237.92188	8266965.00000
67	194288.48438	8266888.00000
68	194378.82813	8266904.00000
69	194429.54688	8266929.50000
70	194476.46875	8266952.00000
71	194559.06250	8266977.50000
72	194616.98438	8266926.50000
73	194635.37500	8266878.50000
74	194657.64063	8266824.00000
75	194679.87500	8266773.50000
76	194704.67188	8266721.50000
77	194750.23438	8266635.00000
78	194803.37500	8266556.50000
79	194847.57813	8266478.00000
80	194890.48438	8266403.00000
81	194937.23438	8266324.50000
82	194980.28125	8266237.00000
83	195059.60938	8266210.50000
84	195142.67188	8266192.50000
85	195172.98438	8266102.50000
86	195187.60938	8266048.00000
87	195122.10938	8265976.00000
88	195103.95313	8265888.50000
89	195112.65625	8265792.00000
90	195174.56250	8265727.50000
91	195219.50000	8265699.50000
92	195302.82813	8265657.50000
93	195379.84375	8265611.00000
94	195428.59375	8265583.00000
95	195492.73438	8265546.00000
96	195542.76563	8265518.00000
97	195538.25000	8265432.00000
98	195518.40625	8265385.50000
99	195505.17188	8265339.00000
100	195485.32813	8265299.50000
101	195458.87500	8265260.00000
102	195386.10938	8265213.50000
103	195339.81250	8265180.50000
104	195273.67188	8265121.00000
105	195233.98438	8265081.00000
106	195181.06250	8265048.00000
107	195156.85938	8265014.00000
108	195121.53125	8264995.00000
109	195108.29688	8264988.50000

ZONA DE USO URBANO CONTROLADO I I  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

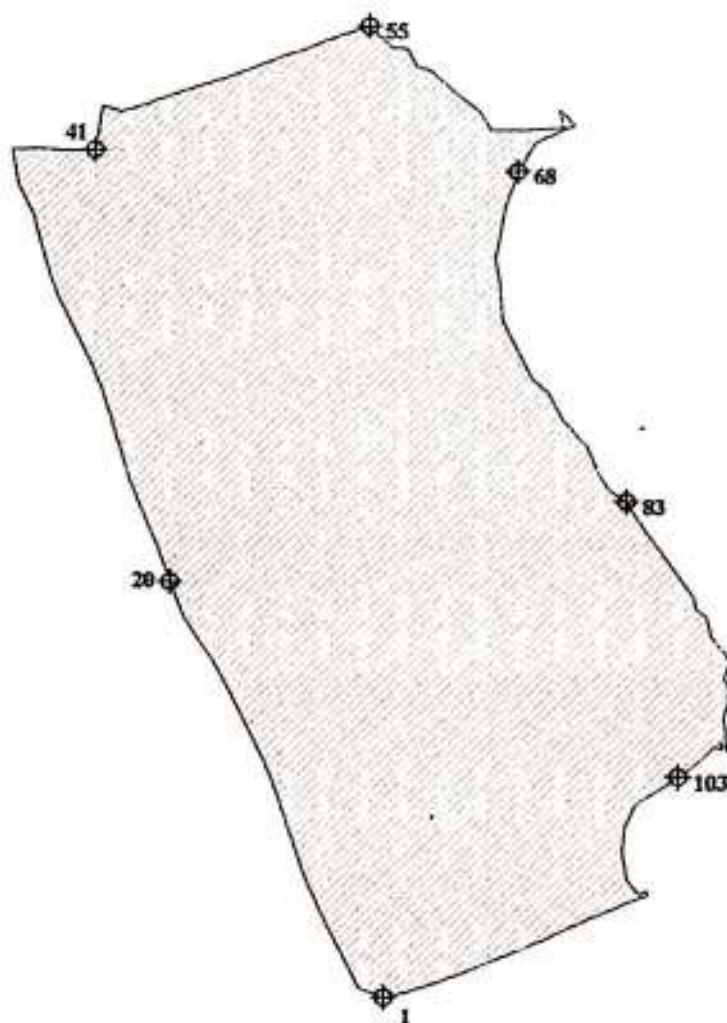
110	195095,07813	8264962,00000
111	195055,39063	8264916,00000
112	195015,70313	8264869,50000
113	194976,01563	8264869,50000
114	194956,17188	8264843,00000
115	194916,48438	8264783,50000
116	194890,01563	8264737,00000
117	194751,10938	8264651,50000
118	194704,81250	8264598,50000
119	194651,89063	8264545,50000
120	194605,59375	8264519,00000
121	194565,90625	8264472,50000
122	194512,98438	8264453,00000
123	194453,45313	8264406,50000
124	194433,60938	8264360,00000
125	194400,53125	8264320,50000
126	194347,62500	8264294,00000
127	194301,31250	8264241,00000
128	194248,40825	8264214,50000
129	194215,32813	8264162,00000
130	194169,03125	8264135,50000
131	194109,50000	8264082,50000
132	194069,81250	8264049,50000
133	194030,12500	8264016,50000
134	193997,04688	8263976,50000
135	193950,75000	8263937,00000
136	193897,82813	8263910,50000
137	193864,75000	8263864,00000
138	193818,45313	8263831,00000
139	193772,15625	8263824,50000
140	193752,31250	8263791,50000
141	193706,00000	8263804,50000
142	193593,56250	8263732,00000
143	193547,25000	8263685,50000
144	193496,48438	8263671,50000
145	193483,40625	8263681,50000
146	193282,67188	8263599,50000

ZONA DE USO URBANO CONTROLADO I 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	195147.98438	8265002.00000
2	195156.85938	8265014.00000
3	195185.26563	8265004.00000
4	195147.98438	8265002.00000



## ZONA DE USO URBANO CONTROLADO II- N.º 1 APA DA CAFURINGA

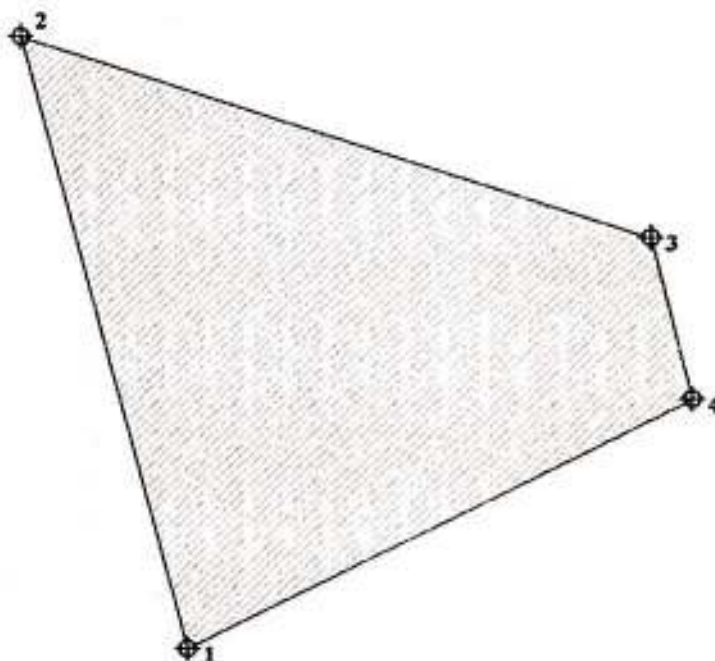


ESCALA 1:20.000





## ZONA DE USO URBANO CONTROLADO II- N.º 2 APA DA CAFURINGA



ESCALA 1:200





ZONA DE USO URBANO CONTROLADO II 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	191336,50000	8271691,50000
2	191266,07813	8271719,50000
3	191220,43750	8271812,00000
4	191195,67188	8271861,50000
5	191172,17188	8271911,00000
6	191148,68750	8271960,50000
7	191126,48438	8272008,50000
8	191105,48438	8272063,00000
9	191087,01563	8272119,00000
10	191064,64063	8272183,50000
11	191047,46875	8272238,00000
12	191029,04688	8272290,00000
13	191009,40625	8272337,00000
14	190971,53125	8272418,00000
15	190927,21875	8272506,50000
16	190885,53125	8272586,50000
17	190860,82813	8272631,00000
18	190827,12500	8272681,50000
19	190780,40625	8272756,50000
20	190746,25000	8272847,50000
21	190713,37500	8272939,00000
22	190672,78125	8273036,50000
23	190651,81250	8273088,50000
24	190630,81250	8273143,00000
25	190613,60938	8273200,00000
26	190595,10938	8273259,50000
27	190577,87500	8273319,00000
28	190558,07813	8273380,00000
29	190534,48438	8273438,50000
30	190508,37500	8273494,00000
31	190482,26563	8273550,00000
32	190453,64063	8273603,00000
33	190430,10938	8273655,00000
34	190410,42188	8273707,00000
35	190383,90625	8273799,50000
36	190366,59375	8273867,00000
37	190323,53125	8273957,00000
38	190307,18750	8274052,00000
39	190391,29688	8274054,00000
40	190442,34375	8274049,00000
41	190536,68750	8274049,00000
42	190554,29688	8274173,50000
43	190607,32813	8274157,50000
44	190665,04688	8274174,00000
45	190721,12500	8274195,50000
46	190777,81250	8274215,00000
47	190834,98438	8274233,00000
48	190892,00000	8274252,00000
49	190948,12500	8274273,50000
50	191004,42188	8274294,00000
51	191059,92188	8274317,00000
52	191115,75000	8274336,00000
53	191170,78125	8274359,50000
54	191226,92188	8274380,00000

ZONA DE USO URBANO CONTROLADO II 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

55	191284,42188	8274397,00000
56	191346,42188	8274336,50000
57	191387,51563	8274336,50000
58	191408,07813	8274288,50000
59	191449,17188	8274275,00000
60	191524,51563	8274206,50000
61	191579,31250	8274165,00000
62	191613,56250	8274110,50000
63	191702,62500	8274110,50000
64	191812,21875	8274117,00000
65	191802,34375	8274166,50000
66	191843,65625	8274123,00000
67	191736,87500	8274076,00000
68	191688,92188	8273994,00000
69	191654,67188	8273898,00000
70	191640,96875	8273822,50000
71	191627,26563	8273754,00000
72	191640,96875	8273679,00000
73	191647,81250	8273583,00000
74	191709,46875	8273459,50000
75	191730,01563	8273418,50000
76	191771,12500	8273384,50000
77	191819,06250	8273302,00000
78	191839,62500	8273281,50000
79	191860,17188	8273254,00000
80	191880,71875	8273233,50000
81	191908,12500	8273165,00000
82	191942,37500	8273110,50000
83	191990,31250	8273076,00000
84	192024,56250	8273021,00000
85	192065,67188	8272959,50000
86	192086,21875	8272932,00000
87	192175,26563	8272809,00000
88	192182,10938	8272774,50000
89	192209,51563	8272754,00000
90	192223,21875	8272699,50000
91	192278,01563	8272631,00000
92	192257,46875	8272583,00000
93	192271,17188	8272562,50000
94	192271,17188	8272514,50000
95	192257,46875	8272473,50000
96	192264,31250	8272432,00000
97	192264,31250	8272405,00000
98	192270,01563	8272382,00000
99	192247,48438	8272407,00000
100	192252,78125	8272387,50000
101	192234,25000	8272393,50000
102	192194,56250	8272354,00000
103	192135,03125	8272307,50000
104	192022,59375	8272235,00000
105	191989,51563	8272168,50000
106	191962,90625	8272102,50000
107	191997,17188	8272021,00000
108	192031,42188	8271980,00000
109	192049,04688	8271990,00000

ZONA DE USO URBANO CONTROLADO II 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

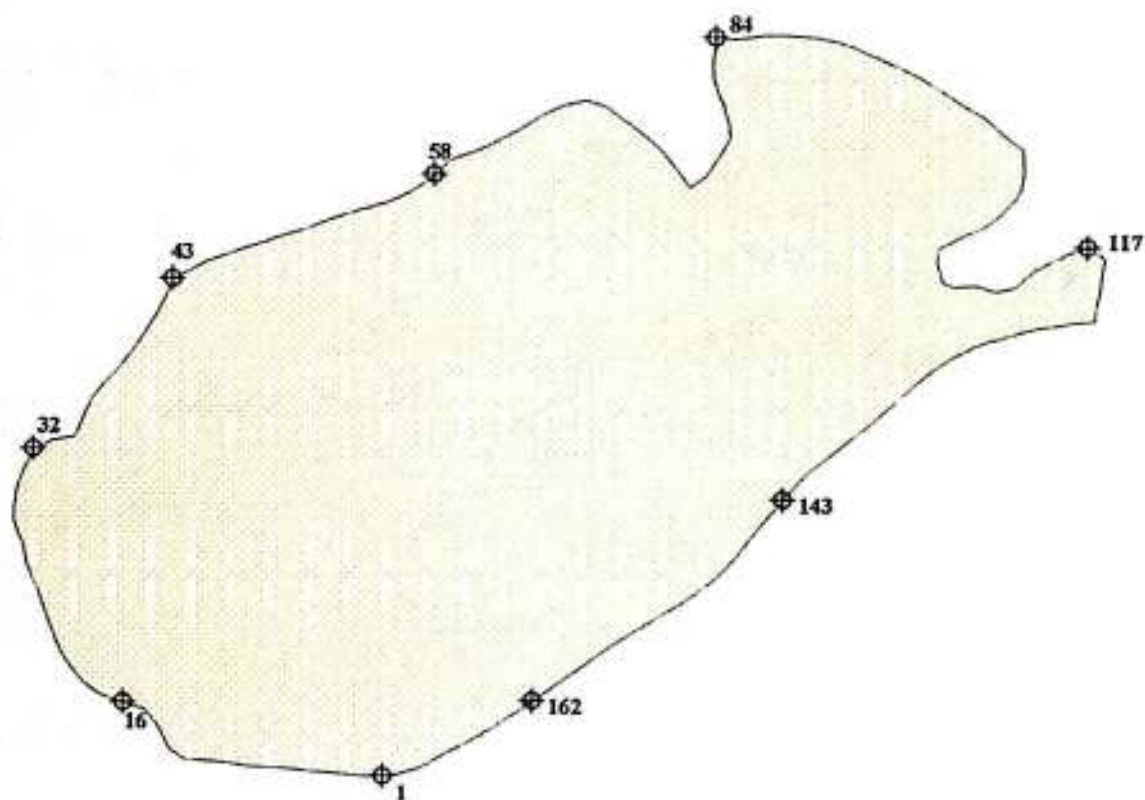
110	192056,18750	8271981,00000
111	192007,95313	8271962,00000
112	191910,25000	8271919,00000
113	191817,62500	8271878,50000
114	191761,82813	8271852,00000
115	191699,65625	8271824,00000
116	191628,59375	8271795,00000
117	191544,84375	8271760,00000
118	191466,09375	8271732,00000
119	191393,70313	8271707,00000
120	191336,50000	8271691,50000

ZONA DE USO URBANO CONTROLADO II 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	192257,46875	8272370,50000
2	192252,78125	8272387,50000
3	192270,01563	8272382,00000
4	192271,17188	8272377,50000
5	192257,46875	8272370,50000



**ZONA DE USO RURAL CONTROLADO - N.º 1**  
**APA DA CAFURINGA**

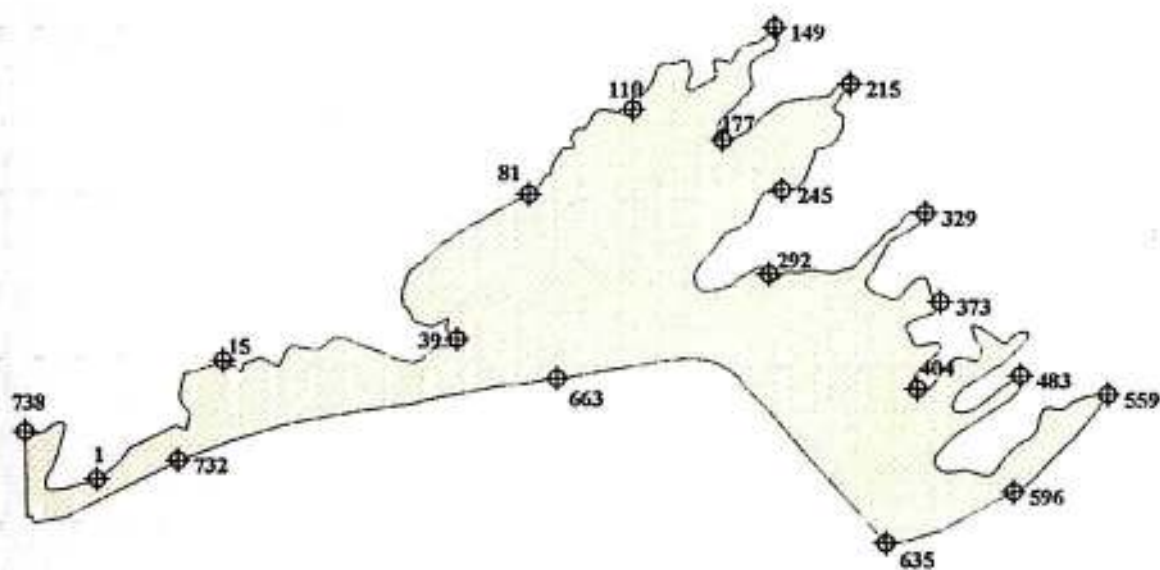


ESCALA 1:30.000





## ZONA DE USO RURAL CONTROLADO - N.º 2 APA DA CAFURINGA

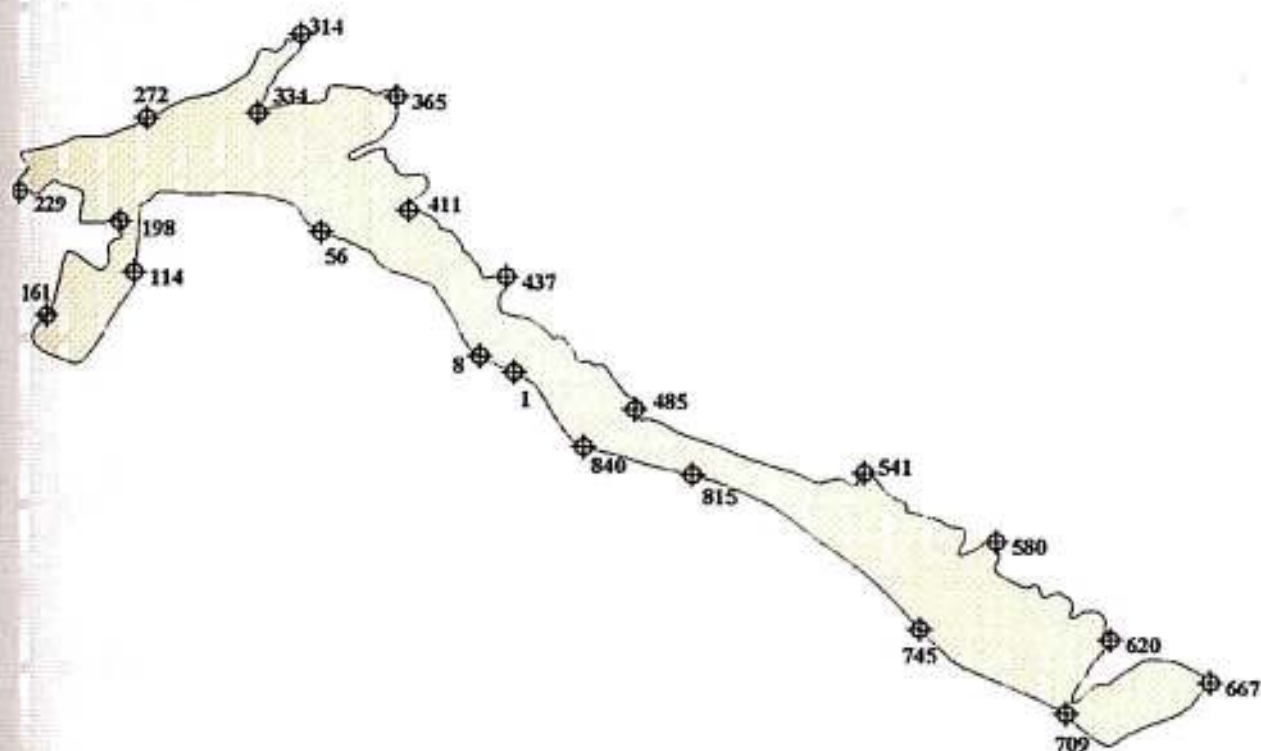


ESCALA 1:120.000

1000 0 1000 2000 3000 Metros



### ZONA DE USO RURAL CONTROLADO - N.º 3 APA DA CAFURINGA



ESCALA 1:120.000



ZONA DE USO RURAL CONTROLADO 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	174718.45313	8277812.00000
2	174655.98438	8277812.00000
3	174587.10938	8277816.00000
4	174520.71875	8277824.00000
5	174447.98438	8277830.00000
6	174379.07813	8277835.50000
7	174303.79688	8277842.00000
8	174229.79688	8277847.00000
9	174163.46875	8277849.50000
10	174053.67188	8277863.50000
11	174000.05250	8277870.00000
12	173900.57813	8277874.00000
13	173836.34375	8277918.50000
14	173793.29688	8278007.00000
15	173733.84375	8278079.50000
16	173645.56250	8278108.50000
17	173541.90625	8278144.50000
18	173469.92188	8278197.50000
19	173413.00000	8278272.50000
20	173384.46875	8278316.50000
21	173361.00000	8278363.50000
22	173324.23438	8278461.00000
23	173292.64063	8278551.00000
24	173253.45313	8278637.50000
25	173237.62500	8278685.50000
26	173222.78563	8278760.50000
27	173199.21875	8278815.00000
28	173183.39063	8278863.00000
29	173182.73438	8278922.50000
30	173197.17188	8279001.00000
31	173215.64063	8279060.50000
32	173262.95313	8279163.00000
33	173349.23438	8279201.00000
34	173431.92188	8279217.50000
35	173465.48438	8279296.00000
36	173500.32813	8279373.00000
37	173554.39063	8279441.50000
38	173622.42188	8279516.00000
39	173655.07813	8279560.50000
40	173714.04688	8279646.50000
41	173766.62500	8279735.00000
42	173810.23438	8279826.50000
43	173830.04688	8279879.50000
44	173909.87500	8279923.50000
45	173954.23438	8279948.00000
46	174060.90625	8279985.50000
47	174107.89063	8280003.50000
48	174199.32813	8280035.00000
49	174285.70313	8280064.00000
50	174373.37500	8280091.50000
51	174471.10938	8280131.00000
52	174520.62500	8280148.50000
53	174572.70313	8280166.00000
54	174627.35938	8280181.50000



ZONA DE USO RURAL CONTROLADO 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

55	174717.56250	8280210.50000
56	174802.53125	8280251.00000
57	174858.21875	8280287.50000
58	174902.45313	8280323.00000
59	174964.23438	8280386.00000
60	175050.59375	8280416.50000
61	175106.43750	8280439.00000
62	175150.78125	8280463.00000
63	175201.48438	8280491.00000
64	175250.87500	8280520.00000
65	175295.18750	8280548.00000
66	175344.56250	8280579.50000
67	175433.37500	8280618.50000
68	175522.40625	8280639.00000
69	175600.45313	8280613.50000
70	175669.90625	8280557.50000
71	175712.29688	8280528.50000
72	175784.34375	8280468.50000
73	175828.15625	8280427.00000
74	175886.29688	8280357.00000
75	175941.95313	8280281.00000
76	176009.00000	8280328.00000
77	176059.17188	8280402.50000
78	176104.20313	8280482.00000
79	176101.09375	8280533.00000
80	176075.93750	8280618.00000
81	176052.29688	8280680.00000
82	176032.53125	8280738.00000
83	176031.95938	8280799.00000
84	176044.75000	8280903.00000
85	176135.29688	8280900.50000
86	176187.50000	8280906.50000
87	176242.20313	8280916.50000
88	176339.10938	8280915.00000
89	176437.34375	8280909.00000
90	176525.46875	8280894.50000
91	176617.59375	8280864.00000
92	176667.56250	8280842.50000
93	176772.62500	8280795.50000
94	176868.71875	8280751.00000
95	176954.76563	8280695.50000
96	177009.95313	8280661.00000
97	177057.46875	8280629.50000
98	177147.28125	8280578.50000
99	177232.28125	8280500.00000
100	177300.42188	8280448.00000
101	177306.53125	8280356.50000
102	177297.04688	8280292.00000
103	177277.17188	8280244.00000
104	177215.42188	8280178.00000
105	177133.25000	8280116.00000
106	177046.92188	8280082.00000
107	176964.59375	8280034.00000
108	176954.98438	8279979.50000
109	176978.87500	8279894.50000

ZONA DE USO RURAL CONTROLADO 1  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

110	177027.51563	8279877.00000
111	177116.70313	8279882.00000
112	177197.26563	8279859.00000
113	177272.32813	8279874.00000
114	177351.82813	8279947.50000
115	177403.78125	8279976.50000
116	177483.64063	8280018.00000
117	177587.50000	8280044.50000
118	177635.54688	8280001.50000
119	177621.35938	8279900.00000
120	177616.81250	8279849.50000
121	177604.64063	8279797.50000
122	177598.90625	8279739.50000
123	177513.57813	8279730.50000
124	177460.14063	8279720.50000
125	177359.62500	8279703.00000
126	177273.20313	8279679.00000
127	177209.67188	8279658.50000
128	177160.12500	8279643.50000
129	177102.96875	8279623.50000
130	177024.40625	8279580.50000
131	176938.32813	8279523.50000
132	176899.18750	8279489.50000
133	176827.26563	8279421.00000
134	176785.64063	8279380.50000
135	176740.20313	8279340.00000
136	176692.21875	8279297.00000
137	176637.85938	8279255.50000
138	176584.79688	8279211.00000
139	176534.28125	8279168.00000
140	176482.45313	8279127.50000
141	176440.78125	8279091.00000
142	176402.98438	8279050.50000
143	176337.51563	8278975.50000
144	176267.06250	8278891.00000
145	176234.37500	8278848.00000
146	176199.20313	8278801.00000
147	176145.18750	8278727.50000
148	176082.17188	8278662.00000
149	176043.03125	8278626.50000
150	175991.21875	8278586.00000
151	175941.85938	8278551.50000
152	175888.70313	8278516.50000
153	175829.20313	8278478.50000
154	175776.03125	8278445.50000
155	175720.29688	8278411.50000
156	175674.73438	8278382.50000
157	175591.21875	8278324.00000
158	175516.64063	8278267.00000
159	175472.37500	8278234.50000
160	175426.84375	8278201.50000
161	175377.51563	8278166.00000
162	175324.37500	8278128.00000
163	175275.04688	8278092.50000
164	175226.93750	8278062.50000

ZONA DE USO RURAL CONTROLADO 1  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

165	175178.84375	8278030.50000
166	175123.14063	8277995.50000
167	175067.40625	8277961.00000
168	175016.71675	8277933.50000
169	174964.73438	8277908.00000
170	174917.85938	8277880.50000
171	174855.79688	8277843.50000
172	174768.10938	8277818.50000
173	174718.45313	8277812.00000

ZONA DE USO RURAL CONTROLADO 2  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	158070,70313	8271634,00000
2	158269,26563	8271781,00000
3	158480,12500	8271967,00000
4	158613,07813	8272159,50000
5	158885,76563	8272296,50000
6	159386,85938	8272539,50000
7	159463,89063	8272500,00000
8	159564,93750	8272478,50000
9	159579,98438	8272607,50000
10	159611,48438	8272747,00000
11	159475,64063	8272904,50000
12	159443,35938	8273042,50000
13	159524,43750	8273411,50000
14	159735,70313	8273456,50000
15	160176,51563	8273618,50000
16	160387,28125	8273491,50000
17	160426,00000	8273455,00000
18	160479,59375	8273455,00000
19	160514,03125	8273562,50000
20	160788,45313	8273661,00000
21	160916,90625	8273590,00000
22	161076,00000	8273516,50000
23	161209,26563	8273789,00000
24	161309,03125	8273875,00000
25	161455,07813	8273826,50000
26	161660,89063	8273793,50000
27	161757,79688	8273800,00000
28	161970,00000	8273979,50000
29	162172,85938	8273980,50000
30	162399,95313	8273875,50000
31	162690,71875	8273781,00000
32	162999,95313	8273636,50000
33	163305,81250	8273560,00000
34	163428,95313	8273613,50000
35	163560,18750	8273735,00000
36	163695,43750	8273841,00000
37	163853,57813	8273848,50000
38	163986,10938	8273862,50000
39	164019,48438	8273952,50000
40	163889,89063	8274012,00000
41	163852,07813	8274080,50000
42	163837,00000	8274168,00000
43	163859,75000	8274292,50000
44	163600,82813	8274177,00000
45	163335,89063	8274246,00000
46	163273,95313	8274304,00000
47	163223,81250	8274442,50000
48	163125,89063	8274522,50000
49	163107,54688	8274669,50000
50	163120,89063	8274726,50000
51	163122,75000	8274785,00000
52	163156,32813	8274857,00000
53	163167,12500	8274915,50000
54	163184,15625	8274985,00000

ZONA DE USO RURAL CONTROLADO 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

55	163212.96875	8275029.50000
56	163245.35938	8275095.00000
57	163325.03125	8275154.50000
58	163386.87500	8275210.50000
59	163469.20313	8275262.50000
60	163535.90625	8275338.50000
61	163604.09375	8275399.00000
62	163650.75000	8275444.50000
63	163764.29688	8275552.50000
64	163837.95313	8275581.50000
65	163903.82813	8275620.50000
66	163956.90625	8275664.00000
67	164027.71875	8275717.00000
68	164197.31250	8275833.50000
69	164242.90625	8275861.50000
70	164321.65625	8275891.50000
71	164410.43750	8275936.00000
72	164476.32813	8275975.00000
73	164533.21875	8276018.00000
74	164643.42188	8276085.50000
75	164711.95313	8276117.00000
76	164812.17188	8276165.00000
77	164868.01563	8276190.50000
78	164927.54688	8276227.00000
79	165012.45313	8276275.00000
80	165105.12500	8276314.50000
81	165207.98438	8276356.00000
82	165241.93750	8276398.00000
83	165319.03125	8276460.00000
84	165378.21875	8276524.50000
85	165449.82813	8276618.00000
86	165487.35938	8276680.50000
87	165548.42188	8276695.50000
88	165567.71875	8276789.00000
89	165585.93750	8276866.50000
90	165628.46875	8276937.50000
91	165684.98438	8277013.50000
92	165743.84375	8277106.00000
93	165800.95313	8277131.50000
94	165928.56250	8277130.00000
95	165938.18750	8277179.50000
96	165915.87500	8277231.50000
97	165893.32813	8277302.50000
98	165934.53125	8277378.50000
99	165980.89063	8277449.50000
100	166036.96875	8277454.50000
101	166105.95313	8277448.00000
102	166212.95313	8277569.50000
103	166236.10938	8277659.50000
104	166315.46875	8277745.50000
105	166422.50000	8277758.00000
106	166529.70313	8277755.50000
107	166657.68750	8277724.00000
108	166766.53125	8277690.50000
109	166840.67188	8277679.50000

ZONA DE USO RURAL CONTROLADO 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

110	166913.67188	8277763.00000
111	166990.10938	8277879.50000
112	167032.76563	8277940.00000
113	167066.54688	8277997.00000
114	167113.03125	8278057.00000
115	167193.40625	8278164.50000
116	167249.45313	8278279.50000
117	167274.06250	8278356.00000
118	167297.37500	8278433.00000
119	167345.10938	8278496.50000
120	167416.34375	8278514.00000
121	167479.95875	8278529.00000
122	167531.03125	8278526.50000
123	167621.73438	8278517.50000
124	167674.78125	8278562.00000
125	167749.95313	8278572.00000
126	167809.98438	8278567.00000
127	167832.67188	8278483.50000
128	167855.71875	8278369.00000
129	167814.17188	8278216.00000
130	167788.14063	8278152.50000
131	167784.96875	8278098.00000
132	167870.78125	8278070.00000
133	167956.89063	8278125.50000
134	168140.78125	8278219.50000
135	168234.75000	8278256.00000
136	168261.78125	8278343.50000
137	168242.54688	8278457.50000
138	168226.60938	8278511.00000
139	168246.18750	8278580.50000
140	168350.87500	8278575.50000
141	168408.48438	8278559.00000
142	168495.65625	8278526.00000
143	168532.15625	8278567.50000
144	168614.62500	8278713.50000
145	168685.01563	8278802.00000
146	168810.90625	8278837.50000
147	168912.87500	8278846.00000
148	168987.76563	8278879.00000
149	169235.21875	8279099.50000
150	169280.76563	8278994.50000
151	169280.09375	8278940.00000
152	169265.82813	8278846.50000
153	169228.50000	8278763.00000
154	169143.56250	8278720.00000
155	169061.09375	8278683.00000
156	168999.00000	8278649.00000
157	168955.93750	8278623.50000
158	168900.21875	8278589.50000
159	168837.14063	8278529.00000
160	168810.10938	8278436.50000
161	168806.31250	8278317.50000
162	168824.75000	8278264.00000
163	168851.14063	8278183.00000
164	168845.71875	8278097.00000

ZONA DE USO RURAL CONTROLADO 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

165	168784,09375	8278019,50000
166	168734,76563	8277984,50000
167	168669,18750	8277918,50000
168	168613,93750	8277842,50000
169	168544,64063	8277768,00000
170	168495,35938	8277727,50000
171	168410,73438	8277655,50000
172	168349,00000	8277588,00000
173	168297,65625	8277504,50000
174	168282,14063	8277408,50000
175	168289,14063	8277351,50000
176	168294,82813	8277298,00000
177	168366,81250	8277245,00000
178	168467,34375	8277261,00000
179	168566,45313	8277291,50000
180	168618,48438	8277313,00000
181	168673,01563	8277339,50000
182	168721,14063	8277368,50000
183	168767,96875	8277400,00000
184	168814,76563	8277434,50000
185	168861,53125	8277471,00000
186	168905,76563	8277506,50000
187	168943,43750	8277558,50000
188	168983,82813	8277595,00000
189	169058,40625	8277671,00000
190	169110,12500	8277704,00000
191	169153,12500	8277735,50000
192	169198,62500	8277771,00000
193	169274,56250	8277821,50000
194	169331,60938	8277850,50000
195	169421,90625	8277870,50000
196	169483,00000	8277879,50000
197	169582,21875	8277899,50000
198	169650,93750	8277911,00000
199	169706,95313	8277918,50000
200	169760,46875	8277922,00000
201	169847,07813	8277929,50000
202	169900,60938	8277931,00000
203	169952,82813	8277934,50000
204	170020,34375	8277939,50000
205	170075,07813	8277948,50000
206	170124,54688	8277971,00000
207	170161,09375	8278009,00000
208	170212,54688	8278084,00000
209	170281,93750	8278149,50000
210	170327,43750	8278186,00000
211	170399,54688	8278237,00000
212	170452,76563	8278266,00000
213	170499,71875	8278286,00000
214	170529,64063	8278231,50000
215	170469,42188	8278143,00000
216	170412,85938	8278069,50000
217	170348,54688	8278005,00000
218	170312,03125	8277964,50000
219	170284,50000	8277917,50000

ZONA DE USO RURAL CONTROLADO 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

220	170249.35938	8277666.00000
221	170187.90625	8277773.50000
222	170223.09375	8277705.00000
223	170300.12500	8277655.50000
224	170349.37500	8277583.00000
225	170347.48438	8277522.50000
226	170323.03125	8277428.50000
227	170283.35938	8277326.00000
228	170249.56250	8277269.00000
229	170219.45313	8277225.00000
230	170151.43750	8277149.00000
231	170070.10938	8277125.00000
232	169982.40625	8277101.00000
233	169889.70313	8277068.00000
234	169878.79688	8277016.00000
235	169847.95313	8276924.00000
236	169824.28125	8276873.00000
237	169790.79688	8276788.50000
238	169749.90625	8276680.50000
239	169715.14063	8276596.00000
240	169688.90625	8276546.50000
241	169648.64063	8276498.50000
242	169580.40625	8276444.00000
243	169491.40625	8276421.50000
244	169430.31250	8276412.50000
245	169338.70313	8276396.00000
246	169254.67188	8276386.00000
247	169195.01563	8276386.00000
248	169099.23438	8276376.00000
249	169047.06250	8276367.50000
250	168984.15625	8276291.50000
251	168935.39063	8276204.00000
252	168892.93750	8276123.00000
253	168851.96875	8276023.00000
254	168828.29688	8275973.50000
255	168778.20313	8275891.50000
256	168693.50000	8275825.50000
257	168618.76563	8275782.50000
258	168566.78125	8275756.00000
259	168514.59375	8275748.50000
260	168432.04688	8275719.50000
261	168389.15625	8275677.50000
262	168328.71875	8275609.50000
263	168277.29688	8275532.00000
264	168244.68750	8275483.00000
265	168190.65625	8275412.00000
266	168118.90625	8275328.50000
267	168059.67188	8275266.50000
268	168021.79688	8275232.00000
269	167956.42188	8275148.50000
270	167932.70313	8275103.00000
271	167911.54688	8275056.50000
272	167875.62500	8274960.00000
273	167900.46875	8274904.50000
274	167914.26563	8274809.00000



ZONA DE USO RURAL CONTROLADO 2  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

275	167982.42188	8274756.00000
276	168084.64063	8274735.50000
277	168177.60938	8274744.50000
278	168227.23438	8274752.00000
279	168289.60938	8274762.00000
280	168384.96875	8274784.50000
281	168475.00000	8274829.00000
282	168521.85938	8274856.50000
283	168562.29688	8274889.50000
284	168610.28125	8274931.50000
285	168653.29688	8274961.50000
286	168702.68750	8274992.00000
287	168750.87500	8275014.50000
288	168798.98438	8275046.50000
289	168885.14063	8275094.50000
290	168976.59375	8275124.50000
291	169055.03125	8275065.00000
292	169114.45313	8274994.00000
293	169181.42188	8274933.00000
294	169233.84375	8274919.00000
295	169304.65625	8274972.00000
296	169339.90625	8275012.50000
297	169413.46875	8275047.00000
298	169520.76563	8275029.00000
299	169583.28125	8275024.00000
300	169674.92188	8275037.50000
301	169762.60938	8275064.00000
302	169859.46875	8275066.50000
303	169950.15625	8275051.00000
304	170054.92188	8275031.00000
305	170144.35938	8275013.00000
306	170232.18750	8275025.50000
307	170308.20313	8275068.50000
308	170361.65625	8275077.50000
309	170445.73438	8275083.50000
310	170526.73438	8275136.50000
311	170567.07813	8275178.50000
312	170626.10938	8275259.50000
313	170658.82813	8275297.50000
314	170706.84375	8275336.50000
315	170748.45313	8275378.50000
316	170822.85938	8275453.00000
317	170891.10938	8275506.00000
318	170968.03125	8275583.50000
319	171021.95313	8275665.50000
320	171085.09375	8275720.00000
321	171134.56250	8275742.50000
322	171182.78125	8275764.00000
323	171225.84375	8275789.50000
324	171290.06250	8275863.00000
325	171333.79688	8275942.50000
326	171396.85938	8276004.50000
327	171503.76563	8276022.50000
328	171594.29688	8276019.50000
329	171690.21875	8275993.00000

ZONA DE USO RURAL CONTROLADO 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

330	171657.95313	8275913.00000
331	171591.18750	8275839.50000
332	171546.93750	8275805.50000
333	171489.98438	8275767.50000
334	171441.85938	8275738.50000
335	171395.01563	8275709.50000
336	171316.45313	8275665.00000
337	171218.82813	8275616.00000
338	171122.64063	8275551.50000
339	171051.98438	8275484.50000
340	171028.28125	8275437.50000
341	170982.10938	8275346.50000
342	170958.40625	8275299.50000
343	170930.89063	8275251.50000
344	170899.62500	8275197.00000
345	170857.23438	8275109.50000
346	170809.64063	8275032.50000
347	170773.12500	8274990.50000
348	170711.42188	8274921.00000
349	170699.60938	8274836.00000
350	170706.54688	8274785.50000
351	170743.93750	8274746.00000
352	170815.90625	8274694.00000
353	170863.31250	8274672.50000
354	170960.67188	8274630.50000
355	171010.59375	8274613.00000
356	171096.42188	8274576.00000
357	171146.28125	8274563.50000
358	171234.06250	8274579.50000
359	171300.71875	8274663.00000
360	171367.31250	8274752.00000
361	171406.31250	8274798.50000
362	171446.68750	8274836.50000
363	171493.43750	8274874.50000
364	171537.75000	8274903.50000
365	171598.64063	8274931.50000
366	171675.29688	8274916.00000
367	171701.40625	8274860.50000
368	171719.78125	8274812.00000
369	171736.89063	8274764.00000
370	171757.01563	8274672.50000
371	171774.17188	8274621.00000
372	171833.60938	8274548.50000
373	171924.56250	8274509.00000
374	171919.01563	8274433.00000
375	171874.76563	8274400.00000
376	171828.00000	8274362.50000
377	171783.70313	8274333.00000
378	171683.46875	8274290.00000
379	171593.26563	8274261.00000
380	171546.29688	8274242.50000
381	171457.37500	8274213.00000
382	171362.31250	8274162.50000
383	171346.68750	8274076.50000
384	171404.85938	8274004.50000

ZONA DE USO RURAL CONTROLADO 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

385	171430.07813	8273913.00000
386	171459.04688	8273829.50000
387	171519.45313	8273786.00000
388	171621.29588	8273799.00000
389	171677.28125	8273809.00000
390	171758.67188	8273827.50000
391	171817.23438	8273835.50000
392	171870.73438	8273839.00000
393	171917.34375	8273774.50000
394	171897.60938	8273715.00000
395	171841.09375	8273636.50000
396	171778.06250	8273572.00000
397	171722.43750	8273529.00000
398	171678.12500	8273501.00000
399	171611.17188	8273445.50000
400	171543.12500	8273372.00000
401	171494.42188	8273281.00000
402	171457.03125	8273202.50000
403	171456.85938	8273102.00000
404	171538.98438	8273054.00000
405	171622.25000	8273017.00000
406	171698.46875	8273042.50000
407	171764.01563	8273110.50000
408	171828.20313	8273186.50000
409	171882.29688	8273252.50000
410	171921.12500	8273315.50000
411	171975.03125	8273398.00000
412	172036.85625	8273475.00000
413	172071.90625	8273515.50000
414	172141.40625	8273571.50000
415	172203.71875	8273586.50000
416	172294.29688	8273580.00000
417	172347.96875	8273568.50000
418	172455.40625	8273538.00000
419	172507.70313	8273535.50000
420	172564.35938	8273600.00000
421	172583.79688	8273687.50000
422	172577.68750	8273778.50000
423	172533.81250	8273827.00000
424	172483.25000	8273904.00000
425	172466.15625	8273951.00000
426	172435.90625	8274034.50000
427	172418.31250	8274127.00000
428	172469.28125	8274129.50000
429	172562.78125	8274091.50000
430	172605.15625	8274063.50000
431	172653.95313	8274032.00000
432	172702.75000	8274000.00000
433	172777.18750	8273954.50000
434	172846.70313	8273893.50000
435	172884.06250	8273859.50000
436	172975.10938	8273810.00000
437	173041.95313	8273877.00000
438	173073.39063	8273916.00000
439	173147.78125	8273990.50000

ZONA DE USO RURAL CONTROLADO 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

440	173244.29688	8274025.00000
441	173328.53125	8274017.00000
442	173340.93750	8273932.00000
443	173314.70313	8273883.00000
444	173271.96875	8273828.50000
445	173232.87500	8273789.00000
446	173187.51563	8273740.00000
447	173139.59375	8273693.00000
448	173095.48438	8273646.00000
449	173057.71875	8273602.00000
450	173018.65625	8273560.00000
451	172936.51563	8273494.50000
452	172883.31250	8273464.00000
453	172825.03125	8273431.00000
454	172779.43750	8273403.50000
455	172688.29688	8273344.00000
456	172641.48438	8273311.00000
457	172566.82813	8273260.50000
458	172521.25000	8273231.50000
459	172438.95313	8273179.50000
460	172395.89063	8273153.00000
461	172350.32813	8273122.50000
462	172266.92188	8273055.50000
463	172197.56250	8272987.50000
464	172161.15625	8272935.50000
465	172125.03125	8272859.50000
466	172097.87500	8272778.50000
467	172128.14063	8272692.00000
468	172221.48438	8272666.50000
469	172305.64063	8272666.50000
470	172305.64063	8272666.50000
471	172399.64063	8272697.00000
472	172447.81250	8272722.00000
473	172542.76563	8272783.00000
474	172631.26563	8272850.00000
475	172674.25000	8272883.00000
476	172747.57813	8272938.50000
477	172825.92188	8273001.50000
478	172868.84375	8273041.00000
479	172939.62500	8273096.50000
480	173011.75000	8273146.00000
481	173062.39063	8273179.00000
482	173142.14063	8273229.50000
483	173219.45313	8273271.00000
484	173234.51563	8273177.50000
485	173208.82813	8273078.50000
486	173161.29688	8272995.00000
487	173124.79688	8272952.00000
488	173083.14063	8272914.00000
489	173007.29688	8272856.00000
490	172922.51563	8272797.50000
491	172879.46875	8272770.00000
492	172818.67188	8272734.50000
493	172775.60938	8272709.00000
494	172724.93750	8272679.00000

ZONA DE USO RURAL CONTROLADO 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

495	172642.70313	8272622.00000
496	172589.56250	8272584.00000
497	172541.46875	8272552.50000
498	172495.90625	8272522.00000
499	172440.21875	8272485.50000
500	172398.45313	8272457.50000
501	172352.85938	8272429.50000
502	172297.14063	8272395.50000
503	172219.96875	8272341.00000
504	172178.23438	8272311.00000
505	172130.21875	8272271.50000
506	172058.25000	8272208.50000
507	172022.96875	8272170.50000
508	171982.64063	8272128.50000
509	171919.71875	8272052.50000
510	171859.25000	8271987.00000
511	171809.17188	8271904.50000
512	171799.90625	8271818.50000
513	171828.42188	8271776.50000
514	171854.39063	8271733.50000
515	171894.32813	8271696.50000
516	171946.82813	8271675.00000
517	172000.48438	8271665.00000
518	172052.81250	8271660.00000
519	172158.51563	8271670.00000
520	172262.78125	8271695.00000
521	172372.53125	8271686.00000
522	172454.42188	8271658.00000
523	172513.32813	8271634.00000
524	172600.37500	8271802.00000
525	172692.14063	8271804.50000
526	172742.96875	8271619.50000
527	172811.03125	8271692.00000
528	172876.26563	8271788.00000
529	172908.85938	8271837.50000
530	172940.28125	8271879.00000
531	172971.67188	8271922.00000
532	173009.46875	8271962.50000
533	173069.92188	8272031.00000
534	173114.06250	8272074.00000
535	173153.21875	8272107.00000
536	173232.98438	8272157.50000
537	173281.15625	8272182.50000
538	173360.92188	8272233.50000
539	173405.18750	8272265.00000
540	173465.62500	8272334.50000
541	173489.25000	8272387.50000
542	173500.10938	8272443.50000
543	173509.75000	8272494.00000
544	173529.17188	8272584.00000
545	173565.09375	8272679.00000
546	173593.85938	8272729.50000
547	173668.90625	8272744.50000
548	173725.18750	8272728.00000
549	173813.34375	8272710.50000

ZONA DE USO RURAL CONTROLADO 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

550	173677.04688	8272714.00000
551	173962.01563	8272756.00000
552	174039.07813	8272819.00000
553	174139.29688	8272864.50000
554	174186.28125	8272882.00000
555	174280.23438	8272917.50000
556	174370.56250	8272934.00000
557	174458.51563	8272935.00000
558	174556.78125	8272927.50000
559	174638.18750	8272941.50000
560	174569.51563	8272859.50000
561	174530.93750	8272813.50000
562	174499.84375	8272762.50000
563	174468.78125	8272711.00000
564	174434.51563	8272662.00000
565	174397.75000	8272615.00000
566	174360.70313	8272568.00000
567	174319.90625	8272525.00000
568	174283.81250	8272477.00000
569	174246.81250	8272430.00000
570	174209.14063	8272383.50000
571	174171.46875	8272337.00000
572	174132.28125	8272291.00000
573	174092.50000	8272246.50000
574	174052.45313	8272201.50000
575	174011.12500	8272158.50000
576	173966.07813	8272119.00000
577	173923.32813	8272077.00000
578	173879.78125	8272036.00000
579	173837.06250	8271994.00000
580	173793.73438	8271952.50000
581	173750.35938	8271911.00000
582	173708.87500	8271868.00000
583	173667.40625	8271824.50000
584	173627.67188	8271779.50000
585	173589.54688	8271733.00000
586	173552.50000	8271686.00000
587	173514.84375	8271639.00000
588	173476.34375	8271593.00000
589	173436.73438	8271548.00000
590	173393.62500	8271506.50000
591	173348.09375	8271467.50000
592	173300.34375	8271431.50000
593	173251.65625	8271396.50000
594	173201.28125	8271364.00000
595	173149.87500	8271332.50000
596	173096.85938	8271305.00000
597	173042.78125	8271278.50000
598	172987.21875	8271256.00000
599	172932.23438	8271232.00000
600	172877.54688	8271208.00000
601	172822.57813	8271183.50000
602	172767.73438	8271159.00000
603	172714.00000	8271132.50000
604	172661.73438	8271103.00000

ZONA DE USO RURAL CONTROLADO 2  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

715	161993.56250	8272690.50000
716	161934.31250	8272681.00000
717	161875.31250	8272671.00000
718	151816.07813	8272651.50000
719	161756.84375	8272652.00000
720	161697.96875	8272641.50000
721	161638.59375	8272633.50000
722	161580.06250	8272621.00000
723	161520.85938	8272611.50000
724	161461.60938	8272602.00000
725	161402.45313	8272592.00000
726	161343.34375	8272582.00000
727	161284.07813	8272573.00000
728	161225.00000	8272563.00000
729	161210.01563	8272560.50000
730	161202.93750	8272547.50000
731	160373.06250	8272300.50000
732	159419.57813	8271947.00000
733	158324.84375	8271400.00000
734	157512.60938	8270993.50000
735	157000.56250	8270923.00000
736	156965.17188	8271035.00000
737	156877.54688	8271017.50000
738	156870.64063	8272451.00000
739	157075.14063	8272409.50000
740	157204.67188	8272460.00000
741	157320.90625	8272556.50000
742	157437.82813	8272595.50000
743	157526.00000	8272584.00000
744	157544.43750	8272536.00000
745	157495.56250	8272356.00000
746	157419.35938	8272112.50000
747	157343.14063	8271670.50000
748	157230.42188	8271694.50000
749	157207.31250	8271599.50000
750	157218.78125	8271494.00000
751	157275.35938	8271457.50000
752	157495.96875	8271468.50000
753	157747.67188	8271545.50000
754	158070.70313	8271634.00000

ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	182200,45313	8273212,00000
2	182109,50000	8273251,00000
3	182056,98438	8273274,00000
4	181978,73438	8273317,00000
5	181886,48438	8273359,00000
6	181804,45313	8273398,50000
7	181724,98438	8273438,00000
8	181639,12500	8273477,00000
9	181555,64063	8273533,00000
10	181478,35938	8273605,50000
11	181440,89063	8273650,00000
12	181387,79688	8273726,00000
13	181350,12500	8273789,00000
14	181308,40625	8273873,00000
15	181267,81250	8273970,50000
16	181245,56250	8274022,50000
17	181223,31250	8274074,50000
18	181199,82813	8274124,00000
19	181175,04688	8274174,50000
20	181147,76563	8274220,00000
21	181114,03125	8274273,50000
22	181076,39063	8274334,50000
23	181036,23438	8274391,50000
24	180994,85938	8274444,50000
25	180954,75000	8274498,00000
26	180917,21875	8274548,50000
27	180866,64063	8274626,00000
28	180821,71875	8274654,00000
29	180769,20313	8274677,00000
30	180714,10938	8274701,00000
31	180664,17188	8274721,00000
32	180598,84375	8274749,00000
33	180495,14063	8274788,50000
34	180437,56250	8274807,50000
35	180348,06250	8274830,50000
36	180262,35938	8274857,50000
37	180208,62500	8274874,00000
38	180157,40625	8274894,00000
39	180107,40625	8274919,50000
40	180029,10938	8274968,00000
41	179986,70313	8274998,50000
42	179920,92188	8275066,50000
43	179875,48438	8275141,50000
44	179809,67188	8275214,00000
45	179758,37500	8275240,50000
46	179710,96875	8275262,00000
47	179621,26563	8275304,00000
48	179555,89063	8275336,00000
49	179463,67188	8275375,00000
50	179368,87500	8275416,00000
51	179317,68750	8275433,50000
52	179285,18750	8275454,00000
53	179214,01563	8275470,50000



ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

54	179164,12500	8275486,00000
55	179101,43750	8275506,00000
56	179016,98438	8275534,00000
57	178928,50000	8275581,00000
58	178884,85938	8275607,50000
59	178806,46875	8275663,50000
60	178770,32813	8275704,00000
61	178711,98438	8275793,00000
62	178670,29688	8275874,00000
63	178633,96875	8275931,00000
64	178592,79688	8275965,50000
65	178540,15625	8275998,50000
66	178486,31250	8276026,50000
67	178437,64063	8276046,50000
68	178387,68750	8276067,00000
69	178335,21875	8276086,00000
70	178278,92188	8276104,00000
71	178215,00000	8276120,50000
72	178145,42188	8276137,00000
73	178080,39063	8276151,00000
74	177979,95313	8276162,50000
75	177903,39063	8276169,00000
76	177831,95313	8276173,00000
77	177763,04688	8276178,00000
78	177696,71875	8276180,50000
79	177626,53125	8276187,00000
80	177499,01563	8276189,50000
81	177412,32813	8276190,00000
82	177361,35938	8276187,50000
83	177307,82813	8276185,00000
84	177211,03125	8276177,50000
85	177160,04688	8276176,00000
86	177067,03125	8276171,00000
87	177012,18750	8276172,50000
88	176919,12500	8276172,50000
89	176831,10938	8276176,50000
90	176709,92188	8276184,50000
91	176641,00000	8276190,50000
92	176579,68750	8276201,00000
93	176526,14063	8276201,00000
94	176462,40625	8276201,00000
95	176410,10938	8276202,50000
96	176317,00000	8276206,50000
97	176268,90625	8276174,50000
98	176211,04688	8276104,00000
99	176169,53125	8276053,00000
100	176078,23438	8276007,50000
101	176024,75000	8276002,50000
102	176019,34375	8275914,00000
103	176017,51563	8275849,50000
104	176013,26563	8275772,00000
105	176002,78125	8275682,00000
106	175997,40625	8275591,00000
107	175992,50000	8275458,00000

ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

108	175985.82813	8275368.00000
109	175976.60938	8275279.50000
110	175966.10938	8275190.50000
111	175950.46875	8275106.00000
112	175942.34375	8275033.50000
113	175937.93750	8274970.50000
114	175934.15625	8274851.50000
115	175929.68750	8274652.50000
116	175906.23438	8274608.00000
117	175868.82813	8274561.50000
118	175834.57813	8274512.50000
119	175799.01563	8274464.50000
120	175761.70313	8274417.50000
121	175726.42188	8274369.00000
122	175693.15625	8274319.00000
123	175659.73438	8274269.50000
124	175628.28125	8274218.50000
125	175596.76563	8274167.50000
126	175564.06250	8274117.00000
127	175530.54688	8274067.00000
128	175499.25000	8274016.00000
129	175469.81250	8273964.00000
130	175440.75000	8273911.50000
131	175411.32813	8273859.00000
132	175379.67188	8273808.50000
133	175348.57813	8273757.00000
134	175317.20313	8273706.00000
135	175283.12500	8273656.50000
136	175248.76563	8273607.50000
137	175212.79688	8273560.00000
138	175175.46875	8273513.00000
139	175136.42188	8273467.50000
140	175094.59375	8273424.00000
141	175050.46875	8273388.50000
142	174998.76563	8273359.50000
143	174905.31250	8273346.00000
144	174811.84375	8273383.00000
145	174763.18750	8273401.00000
146	174705.59375	8273421.00000
147	174601.96875	8273454.50000
148	174503.45313	8273486.00000
149	174452.25000	8273505.00000
150	174363.79688	8273549.50000
151	174316.32813	8273576.50000
152	174241.71875	8273637.00000
153	174197.85938	8273683.00000
154	174158.73438	8273762.50000
155	174168.25000	8273824.50000
156	174181.68750	8273878.00000
157	174226.67188	8273961.50000
158	174265.76563	8273999.50000
159	174313.79688	8274037.50000
160	174356.73438	8274075.50000
161	174427.35938	8274145.00000

ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

162	174487.71875	8274221.00000
163	174510.10938	8274271.50000
164	174529.93750	8274323.50000
165	174547.21875	8274374.00000
166	174566.96875	8274433.50000
167	174584.15625	8274493.00000
168	174605.07813	8274551.50000
169	174623.50000	8274626.00000
170	174643.04688	8274703.50000
171	174661.39063	8274774.50000
172	174684.40625	8274883.00000
173	174693.98438	8274940.00000
174	174704.87500	8274992.00000
175	174739.39063	8275100.00000
176	174790.53125	8275202.50000
177	174841.59375	8275197.00000
178	174888.93750	8275180.50000
179	174945.29688	8275156.50000
180	174988.95313	8275128.50000
181	175031.35938	8275098.00000
182	175113.64063	8275036.00000
183	175198.48438	8274972.50000
184	175274.26563	8274921.50000
185	175356.25000	8274886.00000
186	175434.87500	8274924.00000
187	175495.07813	8275014.00000
188	175505.45313	8275114.00000
189	175501.01563	8275170.00000
190	175484.70313	8275261.00000
191	175493.09375	8275310.50000
192	175559.95313	8275375.00000
193	175605.56250	8275400.00000
194	175657.56250	8275425.50000
195	175708.21875	8275458.00000
196	175736.53125	8275548.50000
197	175723.21875	8275599.00000
198	175692.73438	8275704.00000
199	175622.06250	8275755.00000
200	175569.93750	8275741.00000
201	175520.40625	8275724.50000
202	175434.09375	8275689.50000
203	175381.84375	8275688.00000
204	175290.01563	8275690.50000
205	175239.04688	8275688.00000
206	175185.53125	8275686.00000
207	175091.23438	8275682.00000
208	175022.32813	8275687.00000
209	175011.56250	8275739.00000
210	175023.06250	8275852.00000
211	175033.46875	8275949.50000
212	175040.56250	8275999.00000
213	175070.14063	8276092.50000
214	175053.79688	8276187.50000
215	175026.56250	8276229.50000

ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

216	174943.25000	8276269.00000
217	174846.14063	8276289.00000
218	174772.01563	8276306.00000
219	174681.21875	8276331.00000
220	174595.34375	8276372.00000
221	174550.46875	8276396.00000
222	174477.01563	8276350.50000
223	174405.00000	8276292.50000
224	174339.46875	8276222.50000
225	174266.23438	8276158.00000
226	174173.21875	8276153.00000
227	174102.42188	8276214.00000
228	174005.54688	8276213.00000
229	173918.98438	8276201.50000
230	173869.76563	8276271.50000
231	173887.81250	8276369.00000
232	173946.78125	8276455.00000
233	173983.35938	8276491.50000
234	174048.98438	8276552.50000
235	174101.54688	8276641.00000
236	174038.45313	8276698.00000
237	173989.76563	8276721.00000
238	173953.20313	8276798.50000
239	173947.50000	8276854.00000
240	174045.39063	8276879.50000
241	174102.64063	8276889.50000
242	174153.57813	8276895.50000
243	174204.46875	8276904.50000
244	174256.68750	8276909.50000
245	174308.85938	8276918.50000
246	174401.73438	8276936.00000
247	174495.85938	8276956.00000
248	174607.73438	8276984.00000
249	174663.62500	8277002.50000
250	174729.60938	8277030.50000
251	174786.67188	8277058.50000
252	174843.75000	8277085.00000
253	174898.37500	8277103.50000
254	174950.46875	8277119.00000
255	175002.64063	8277127.50000
256	175056.17188	8277130.00000
257	175151.78125	8277130.00000
258	175204.07813	8277127.50000
259	175298.42188	8277127.50000
260	175385.03125	8277135.00000
261	175479.20313	8277151.00000
262	175532.59375	8277165.00000
263	175591.01563	8277185.00000
264	175649.37500	8277210.50000
265	175702.64063	8277236.00000
266	175790.25000	8277268.50000
267	175849.95313	8277289.00000
268	175898.20313	8277306.50000
269	175954.03125	8277330.50000

ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

270	176014.87500	8277362.00000
271	176074.42188	8277396.00000
272	176139.04688	8277433.00000
273	176199.85938	8277467.00000
274	176255.65625	8277495.00000
275	176310.17188	8277521.50000
276	176359.62500	8277546.50000
277	176409.03125	8277574.50000
278	176461.00000	8277602.00000
279	176511.67188	8277631.50000
280	176564.92188	8277659.00000
281	176623.23438	8277688.00000
282	176686.68750	8277714.50000
283	176794.59375	8277757.50000
284	176849.18750	8277778.00000
285	176897.48438	8277791.50000
286	176997.95313	8277813.00000
287	177087.07813	8277824.50000
288	177139.28125	8277830.50000
289	177193.93750	8277846.00000
290	177247.28125	8277863.50000
291	177305.67188	8277887.50000
292	177355.10938	8277913.00000
293	177407.04688	8277943.00000
294	177466.59375	8277977.00000
295	177508.34375	8278006.50000
296	177584.34375	8278050.50000
297	177659.07813	8278095.00000
298	177755.45313	8278141.50000
299	177822.31250	8278206.00000
300	177853.62500	8278256.50000
301	177897.34375	8278339.00000
302	177935.85938	8278430.00000
303	177953.17188	8278479.50000
304	177987.90625	8278567.00000
305	178061.45313	8278602.50000
306	178154.79688	8278577.00000
307	178257.03125	8278555.00000
308	178304.00000	8278574.00000
309	178382.39063	8278633.50000
310	178442.92188	8278762.00000
311	178488.43750	8278728.50000
312	178561.82813	8278778.00000
313	178602.29688	8278808.00000
314	178682.34375	8278832.00000
315	178723.82813	8278770.00000
316	178718.03125	8278718.00000
317	178694.37500	8278666.00000
318	178644.29688	8278582.50000
319	178611.57813	8278543.50000
320	178553.64063	8278480.00000
321	178518.32813	8278444.50000
322	178442.73438	8278363.50000
323	178375.85938	8278300.50000

ZONA DE USO RURAL CONTROLADO 3  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

324	178305.14063	8278238.50000
325	178263.95313	8278158.50000
326	178244.12500	8278107.00000
327	178219.10938	8278062.50000
328	178190.28125	8278016.00000
329	178127.26563	8277951.00000
330	178104.15625	8277850.00000
331	178065.70313	8277753.50000
332	178010.65625	8277658.50000
333	177964.34375	8277580.00000
334	177975.21875	8277519.50000
335	178051.15625	8277568.50000
336	178098.06250	8277594.00000
337	178190.75000	8277628.00000
338	178274.73438	8277642.00000
339	178329.45313	8277650.50000
340	178424.85938	8277670.50000
341	178545.71875	8277693.50000
342	178605.57813	8277699.50000
343	178657.79688	8277703.50000
344	178717.70313	8277706.00000
345	178777.59375	8277708.50000
346	178837.48438	8277711.00000
347	178892.28125	8277713.00000
348	178948.37500	8277713.00000
349	179059.06250	8277733.50000
350	179091.37500	8277809.50000
351	179114.42188	8277915.50000
352	179138.09375	8277966.50000
353	179218.14063	8277990.50000
354	179315.03125	8277991.50000
355	179415.82813	8277983.50000
356	179528.25000	8277963.50000
357	179623.81250	8277968.00000
358	179715.73438	8277955.50000
359	179808.10938	8277903.50000
360	179880.09375	8277849.00000
361	179964.03125	8277867.50000
362	180049.01563	8277907.00000
363	180140.64063	8277923.00000
364	180223.87500	8277889.00000
365	180263.01563	8277808.00000
366	180267.89063	8277713.00000
367	180266.03125	8277649.50000
368	180261.60938	8277588.50000
369	180252.45313	8277493.50000
370	180239.34375	8277410.00000
371	180214.40625	8277359.50000
372	180157.79688	8277291.00000
373	180083.25000	8277229.00000
374	180044.28125	8277179.50000
375	179980.06250	8277106.50000
376	179905.35938	8277059.50000
377	179817.76563	8277025.50000

ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

378	179728.90625	8276991.50000
379	179681.95313	8276971.00000
380	179594.45313	8276928.00000
381	179509.57813	8276879.00000
382	179451.64063	8276815.50000
383	179500.82813	8276748.50000
384	179586.03125	8276767.50000
385	179631.62500	8276795.00000
386	179675.98438	8276819.00000
387	179755.79688	8276864.50000
388	179833.12500	8276905.00000
389	179917.04688	8276925.00000
390	179966.67188	8276933.00000
391	180058.35938	8276943.00000
392	180075.87500	8276858.00000
393	180084.60938	8276759.00000
394	180160.39063	8276708.50000
395	180231.12500	8276651.00000
396	180231.81250	8276589.00000
397	180287.35938	8276523.00000
398	180384.60938	8276491.50000
399	180480.12500	8276500.00000
400	180575.59375	8276512.50000
401	180664.79688	8276516.50000
402	180739.28125	8276468.00000
403	180760.23438	8276417.50000
404	180768.84375	8276330.00000
405	180734.09375	8276244.00000
406	180693.71875	8276206.00000
407	180616.62500	8276144.00000
408	180535.62500	8276091.00000
409	180454.51563	8276046.50000
410	180420.95313	8275969.50000
411	180459.98438	8275897.00000
412	180511.20313	8275877.00000
413	180624.79688	8275865.50000
414	180678.37500	8275862.50000
415	180760.21875	8275840.00000
416	180836.01563	8275787.50000
417	180909.35938	8275727.00000
418	180944.23438	8275685.00000
419	180983.46875	8275595.00000
420	181071.57813	8275582.00000
421	181166.25000	8275551.50000
422	181230.73438	8275485.50000
423	181255.46875	8275439.00000
424	181307.31250	8275361.50000
425	181334.54688	8275319.50000
426	181359.89063	8275218.50000
427	181443.06250	8275190.50000
428	181467.76563	8275147.00000
429	181520.89063	8275068.50000
430	181594.37500	8274995.00000
431	181634.79688	8274912.50000

ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

432	181653.65625	8274821.50000
433	181706.46875	8274772.00000
434	181796.81250	8274788.00000
435	181891.03125	8274799.50000
436	181981.45313	8274808.50000
437	182065.81250	8274788.00000
438	182108.78125	8274707.00000
439	182091.51563	8274653.50000
440	182023.64063	8274566.50000
441	181990.90625	8274528.50000
442	181956.93750	8274486.50000
443	181952.81250	8274399.00000
444	181944.90625	8274306.50000
445	181980.15625	8274230.50000
446	182025.06250	8274205.00000
447	182080.12500	8274182.50000
448	182175.96875	8274162.00000
449	182225.76563	8274155.50000
450	182315.20313	8274137.50000
451	182411.04688	8274117.50000
452	182468.68750	8274092.00000
453	182530.32813	8274052.50000
454	182610.00000	8273995.50000
455	182691.04688	8273929.50000
456	182733.53125	8273891.50000
457	182795.37500	8273832.00000
458	182818.81250	8273787.50000
459	182909.06250	8273811.50000
460	182990.84375	8273795.00000
461	183063.14063	8273712.50000
462	183120.00000	8273644.00000
463	183175.64063	8273569.00000
464	183200.37500	8273522.00000
465	183202.62500	8273435.00000
466	183282.04688	8273400.50000
467	183334.26563	8273404.00000
468	183419.78125	8273395.00000
469	183493.06250	8273339.50000
470	183586.06250	8273345.50000
471	183642.15625	8273345.50000
472	183703.95313	8273291.00000
473	183753.23438	8273216.00000
474	183785.60938	8273169.50000
475	183785.60938	8273169.50000
476	183814.14063	8273126.00000
477	183881.37500	8273040.00000
478	183952.50000	8272948.50000
479	184013.23438	8272875.00000
480	184056.98438	8272838.50000
481	184140.31250	8272796.50000
482	184192.64063	8272791.00000
483	184238.81250	8272766.00000
484	184210.37500	8272686.00000
485	184178.12500	8272605.00000



ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

486	184166,43750	8272507,50000
487	184227,06250	8272444,00000
488	184284,40625	8272446,50000
489	184336,65625	8272449,00000
490	184393,98438	8272452,50000
491	184475,76563	8272435,00000
492	184555,15625	8272404,50000
493	184602,53125	8272385,50000
494	184684,57813	8272343,50000
495	184760,39063	8272290,00000
496	184836,17188	8272239,50000
497	184920,67188	8272206,50000
498	184969,31250	8272188,50000
499	185020,50000	8272170,50000
500	185116,45313	8272140,00000
501	185183,01563	8272116,00000
502	185240,60938	8272095,50000
503	185303,28125	8272078,00000
504	185358,29688	8272060,00000
505	185455,54688	8272027,00000
506	185504,20313	8272008,00000
507	185563,10938	8271985,00000
508	185618,14063	8271966,00000
509	185727,04688	8271916,50000
510	185816,79688	8271871,00000
511	185865,46875	8271849,00000
512	185916,68750	8271830,00000
513	186007,54688	8271798,50000
514	186102,31250	8271760,00000
515	186162,43750	8271741,00000
516	186213,57813	8271728,50000
517	186266,01563	8271713,00000
518	186360,67188	8271685,00000
519	186452,79688	8271654,50000
520	186560,25000	8271621,50000
521	186626,75000	8271602,50000
522	186676,59375	8271591,00000
523	186726,46875	8271578,50000
524	186778,92188	8271560,50000
525	186827,59375	8271540,00000
526	186927,59375	8271490,50000
527	187005,76563	8271452,50000
528	187107,00000	8271407,00000
529	187191,37500	8271385,00000
530	187277,81250	8271408,00000
531	187364,26563	8271430,50000
532	187415,12500	8271442,00000
533	187505,50000	8271455,50000
534	187556,56250	8271449,50000
535	187641,25000	8271400,00000
536	187686,20313	8271369,50000
537	187735,00000	8271337,50000
538	187800,93750	8271370,50000
539	187831,85938	8271456,50000

ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

540	187860.70313	8271499.50000
541	187932.92188	8271541.50000
542	188018.48438	8271528.50000
543	188063.40625	8271500.50000
544	188122.68750	8271442.00000
545	188152.48438	8271399.00000
546	188205.57813	8271324.50000
547	188263.82813	8271245.50000
548	188305.01563	8271209.00000
549	188351.26563	8271177.00000
550	188423.17188	8271130.00000
551	188505.31250	8271080.50000
552	188592.20313	8271063.00000
553	188621.07813	8270988.00000
554	188613.04688	8270907.00000
555	188701.20313	8270889.00000
556	188754.87500	8270877.50000
557	188836.68750	8270858.50000
558	188941.51563	8270832.00000
559	189047.70313	8270799.00000
560	189139.87500	8270763.00000
561	189218.15625	8270717.50000
562	189295.17188	8270689.50000
563	189343.81250	8270652.50000
564	189444.65625	8270641.00000
565	189539.12500	8270629.50000
566	189591.57813	8270613.00000
567	189578.50000	8270527.00000
568	189575.67188	8270436.00000
569	189529.51563	8270343.50000
570	189483.25000	8270262.50000
571	189469.81250	8270209.00000
572	189517.42188	8270168.50000
573	189594.73438	8270210.50000
574	189675.93750	8270245.50000
575	189729.29688	8270262.00000
576	189781.29688	8270287.50000
577	189852.03125	8270347.00000
578	189926.67188	8270400.00000
579	190009.26563	8270424.00000
580	190093.75000	8270393.50000
581	190116.37500	8270307.00000
582	190126.01563	8270242.50000
583	190135.53125	8270188.00000
584	190136.10938	8270136.00000
585	190101.39063	8270046.00000
586	190065.37500	8269960.00000
587	190082.62500	8269898.00000
588	190170.01563	8269834.50000
589	190241.92188	8269789.00000
590	190323.96875	8269747.00000
591	190422.64063	8269701.50000
592	190503.37500	8269663.00000
593	190563.54688	8269640.50000

ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

594	190623,57813	8269631,50000
595	190696,87500	8269689,50000
596	190776,25000	8269659,00000
597	190812,90625	8269571,50000
598	190818,75000	8269504,50000
599	190873,98438	8269467,50000
600	190975,40625	8269519,50000
601	191027,56250	8269529,50000
602	191138,29688	8269546,00000
603	191210,29688	8269490,00000
604	191283,50000	8269441,50000
605	191340,48438	8269360,50000
606	191326,21875	8269267,00000
607	191307,68750	8269213,50000
608	191300,96875	8269129,00000
609	191382,56250	8269128,50000
610	191440,53125	8269190,50000
611	191520,48438	8269223,50000
612	191575,17188	8269236,00000
613	191668,20313	8269238,50000
614	191756,37500	8269220,50000
615	191833,56250	8269157,50000
616	191872,73438	8269073,50000
617	191867,57813	8268982,00000
618	191846,85938	8268876,00000
619	191916,28125	8268824,00000
620	191956,65625	8268746,50000
621	191919,32813	8268662,00000
622	191852,57813	8268588,50000
623	191801,10938	8268515,00000
624	191742,00000	8268441,50000
625	191670,18750	8268364,50000
626	191638,76563	8268322,50000
627	191612,56250	8268271,00000
628	191580,28125	8268192,50000
629	191557,87500	8268143,00000
630	191503,84375	8268072,00000
631	191445,96875	8268001,00000
632	191394,56250	8267922,50000
633	191369,71875	8267863,00000
634	191335,01563	8267773,00000
635	191318,12500	8267686,00000
636	191398,10938	8267717,50000
637	191470,14063	8267774,50000
638	191516,85938	8267816,00000
639	191585,00000	8267879,50000
640	191649,32813	8267942,50000
641	191713,76563	8267995,50000
642	191797,78125	8268007,00000
643	191890,89063	8268003,00000
644	191977,06250	8268050,00000
645	192049,06250	8268110,50000
646	192124,98438	8268162,50000
647	192203,37500	8268222,00000

ZONA DE USO RURAL CONTROLADO 3  
 MEMORIAL DESCRIPTIVO  
 APA DE CAFURINGA

648	192246.39063	8268252.00000
649	192289.40625	8268282.50000
650	192379.23438	8268344.50000
651	192434.98438	8268376.00000
652	192517.42188	8268415.50000
653	192621.82813	8268428.00000
654	192721.26563	8268427.50000
655	192782.50000	8268425.00000
656	192874.35938	8268418.50000
657	192963.78125	8268402.00000
658	193023.89063	8268385.50000
659	193109.70313	8268348.50000
660	193155.85938	8268326.00000
661	193205.84375	8268301.50000
662	193287.90625	8268258.50000
663	193336.68750	8268229.50000
664	193409.95313	8268175.00000
665	193456.20313	8268142.00000
666	193530.76563	8268086.00000
667	193567.04688	8268032.50000
668	193517.56250	8268011.00000
669	193490.00000	8267967.00000
670	193442.34375	8267896.00000
671	193407.14063	8267850.50000
672	193369.40625	8267805.00000
673	193339.28125	8267762.00000
674	193282.84375	8267677.00000
675	193236.10938	8267638.00000
676	193165.28125	8267586.00000
677	193112.15625	8267547.00000
678	193037.48438	8267497.50000
679	192955.01563	8267461.00000
680	192904.23438	8267442.00000
681	192852.20313	8267420.50000
682	192789.95313	8267400.00000
683	192723.89063	8267379.00000
684	192660.39063	8267357.50000
685	192605.76563	8267339.50000
686	192509.29688	8267300.50000
687	192457.25000	8267280.50000
688	192411.57813	8267260.00000
689	192367.21875	8267236.00000
690	192317.75000	8267213.50000
691	192269.59375	8267187.00000
692	192193.59375	8267142.50000
693	192146.71875	8267116.00000
694	192104.95313	8267087.00000
695	192026.56250	8267027.50000
696	191951.01563	8266990.50000
697	191942.96875	8266986.50000
698	191859.76563	8267008.50000
699	191780.23438	8267053.00000
700	191704.48438	8267101.50000
701	191664.62500	8267132.00000

ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

702	191619.64063	8267165.00000
703	191578.50000	8267196.50000
704	191512.87500	8267251.00000
705	191438.21875	8267316.00000
706	191386.81250	8267354.00000
707	191348.00000	8267404.50000
708	191310.60938	8267442.50000
709	191248.71875	8267506.00000
710	191151.26563	8267557.00000
711	191097.39063	8267587.50000
712	191033.25000	8267623.00000
713	190926.84375	8267676.00000
714	190846.07813	8267717.00000
715	190735.79688	8267775.00000
716	190664.01563	8267809.50000
717	190603.78125	8267838.50000
718	190544.87500	8267863.00000
719	190494.90625	8267884.50000
720	190441.12500	8267906.00000
721	190383.50000	8267930.00000
722	190327.10938	8267957.00000
723	190268.17188	8267983.50000
724	190209.23438	8268009.00000
725	190151.59375	8268034.50000
726	190097.79688	8268057.50000
727	190001.76563	8268095.50000
728	189914.68750	8268129.50000
729	189859.62500	8268151.50000
730	189799.40625	8268179.50000
731	189743.01563	8268206.00000
732	189680.21875	8268235.00000
733	189618.73438	8268262.00000
734	189559.81250	8268287.00000
735	189504.70313	8268312.50000
736	189413.60938	8268364.50000
737	189369.89063	8268399.00000
738	189300.34375	8268463.50000
739	189234.60938	8268528.50000
740	189194.62500	8268570.00000
741	189118.59375	8268644.00000
742	189045.14063	8268715.00000
743	188983.26563	8268777.00000
744	188916.18750	8268848.00000
745	188846.54688	8268920.50000
746	188779.45313	8268992.50000
747	188745.87500	8269032.00000
748	188711.00000	8269072.50000
749	188674.85938	8269113.00000
750	188641.25000	8269155.00000
751	188606.39063	8269195.50000
752	188572.82813	8269233.50000
753	188539.25000	8269271.50000
754	188505.67188	8269311.00000
755	188472.10938	8269349.00000

ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

756	188435.96875	8269389.50000
757	188398.54688	8269430.00000
758	188359.85938	8269469.50000
759	188314.76563	8269512.50000
760	188272.21875	8269555.50000
761	188229.70313	8269596.50000
762	188184.57813	8269642.00000
763	188136.90625	8269687.50000
764	188089.21875	8269734.50000
765	188037.73438	8269779.00000
766	187986.23438	8269824.50000
767	187933.48438	8269869.00000
768	187883.31250	8269909.50000
769	187830.57813	8269951.50000
770	187774.00000	8269996.00000
771	187716.15625	8270039.00000
772	187655.75000	8270082.00000
773	187591.50000	8270129.00000
774	187525.98438	8270173.50000
775	187464.29688	8270218.00000
776	187401.34375	8270262.50000
777	187340.95313	8270305.50000
778	187281.87500	8270345.00000
779	187227.90625	8270383.00000
780	187180.37500	8270416.00000
781	187135.39063	8270449.00000
782	187054.42188	8270507.50000
783	187014.54688	8270539.00000
784	186974.70313	8270569.50000
785	186930.93750	8270606.50000
786	186883.35938	8270644.50000
787	186833.15625	8270687.50000
788	186777.84375	8270733.00000
789	186687.73438	8270812.00000
790	186624.81250	8270852.50000
791	186524.62500	8270919.50000
792	186464.29688	8270958.00000
793	186409.14063	8270988.50000
794	186351.40625	8271020.00000
795	186300.10938	8271048.00000
796	186245.00000	8271074.50000
797	186191.14063	8271102.50000
798	186139.89063	8271126.50000
799	186074.51563	8271158.50000
800	186027.09375	8271181.50000
801	185980.96875	8271201.50000
802	185931.00000	8271224.50000
803	185882.28125	8271248.50000
804	185836.15625	8271270.00000
805	185773.37500	8271298.00000
806	185672.21875	8271337.50000
807	185620.98438	8271359.00000
808	185556.98438	8271383.50000
809	185491.70313	8271406.00000

ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

810	185426.48438	8271425.50000
811	185359.96875	8271444.50000
812	185296.01563	8271463.50000
813	185234.64063	8271480.00000
814	185174.53125	8271498.00000
815	185120.82813	8271512.00000
816	185063.28125	8271527.00000
817	184999.37500	8271542.50000
818	184929.07813	8271559.00000
819	184860.04688	8271575.50000
820	184784.67188	8271589.50000
821	184713.10938	8271605.00000
822	184647.92188	8271620.00000
823	184587.84375	8271634.00000
824	184527.78125	8271648.00000
825	184463.84375	8271664.50000
826	184398.64063	8271682.50000
827	184329.56250	8271703.00000
828	184259.21875	8271723.00000
829	184182.46875	8271747.50000
830	184105.68750	8271773.00000
831	184021.23438	8271801.00000
832	183890.76563	8271840.00000
833	183814.04688	8271860.50000
834	183739.87500	8271881.00000
835	183667.03125	8271897.50000
836	183605.67188	8271911.50000
837	183546.85938	8271927.00000
838	183486.79688	8271939.50000
839	183430.57813	8271952.50000
840	183337.25000	8271975.00000
841	183250.23438	8272004.50000
842	183205.21875	8272040.00000
843	183140.76563	8272104.50000
844	183105.87500	8272148.00000
845	183045.15625	8272220.00000
846	182979.10938	8272312.50000
847	182950.57813	8272357.00000
848	182918.15625	8272407.50000
849	182887.00000	8272458.50000
850	182857.17188	8272504.00000
851	182826.06250	8272549.50000
852	182797.53125	8272594.00000
853	182770.23438	8272642.00000
854	182742.92188	8272690.50000
855	182715.62500	8272738.50000
856	182685.78125	8272785.50000
857	182658.51563	8272830.00000
858	182594.87500	8272936.50000
859	182565.06250	8272981.00000
860	182499.35938	8273043.00000
861	182427.42188	8273092.50000
862	182342.76563	8273139.50000
863	182253.03125	8273184.00000

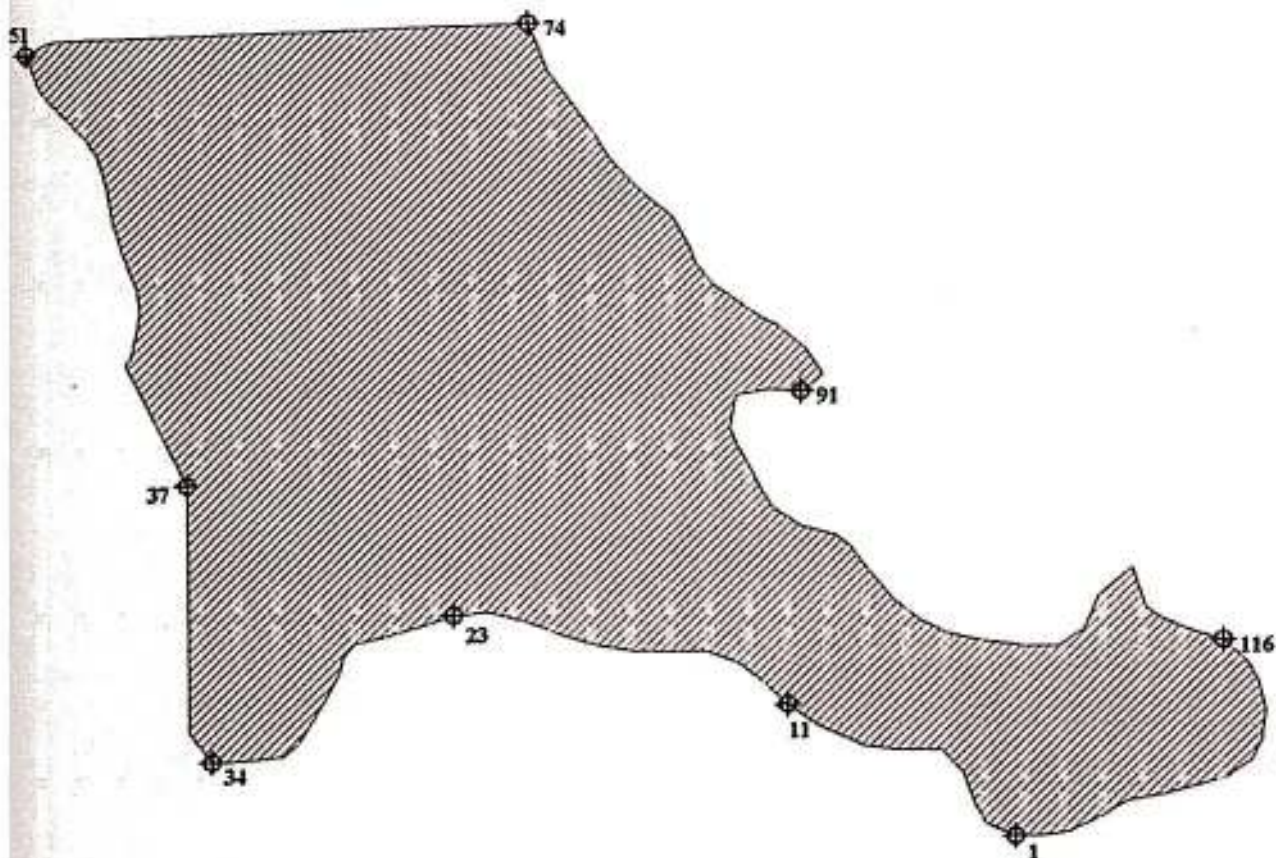
ZONA DE USO RURAL CONTROLADO 3  
MEMORIAL DESCRIPTIVO  
APA DE CAFURINGA

864	182200.45313	8273212.00000
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## ZONA DE DESENVOLVIMENTO AGRÍCOLA- N.º 1 APA DA CAFURINGA

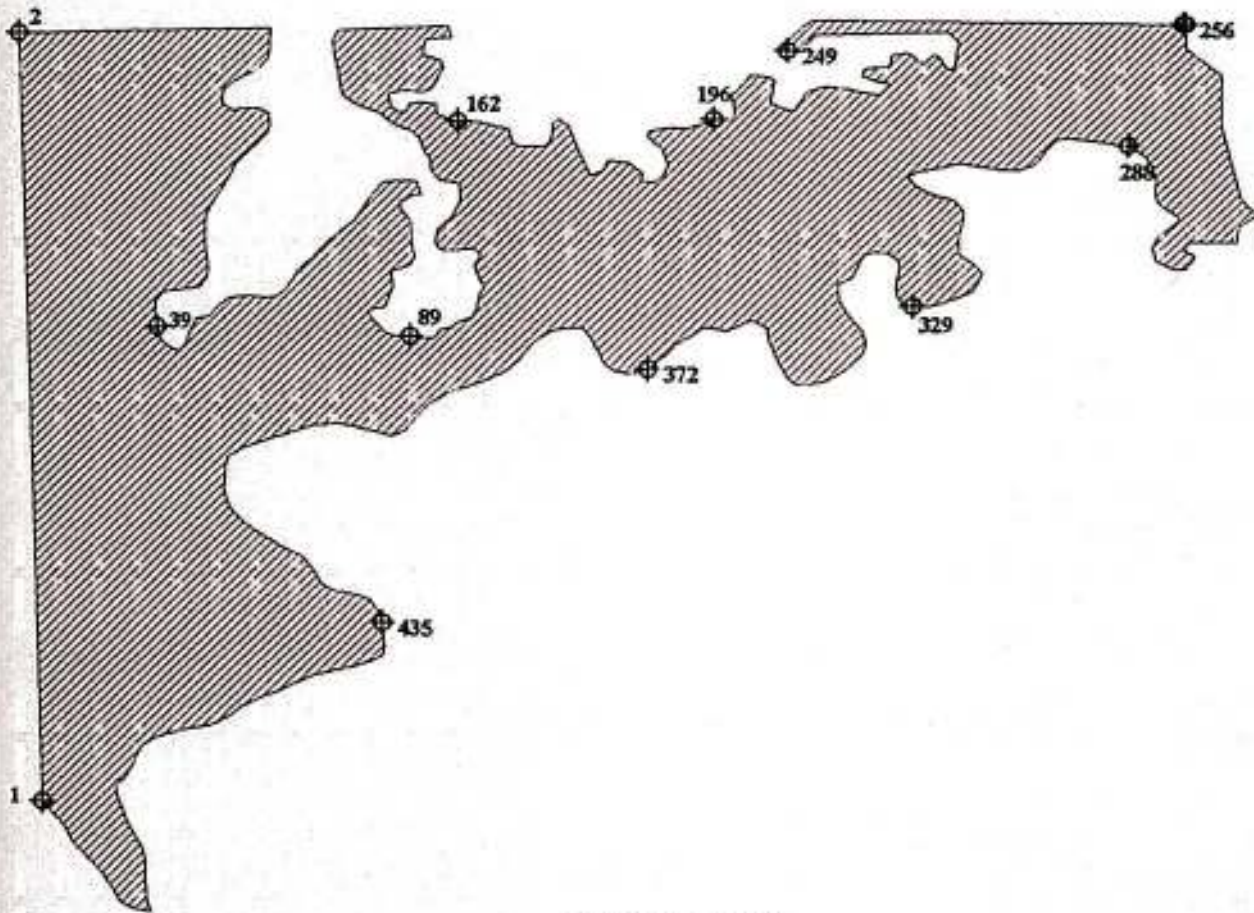


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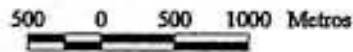




## ZONA DE DESENVOLVIMENTO AGRÍCOLA- N.º 2 APA DA CAFURINGA

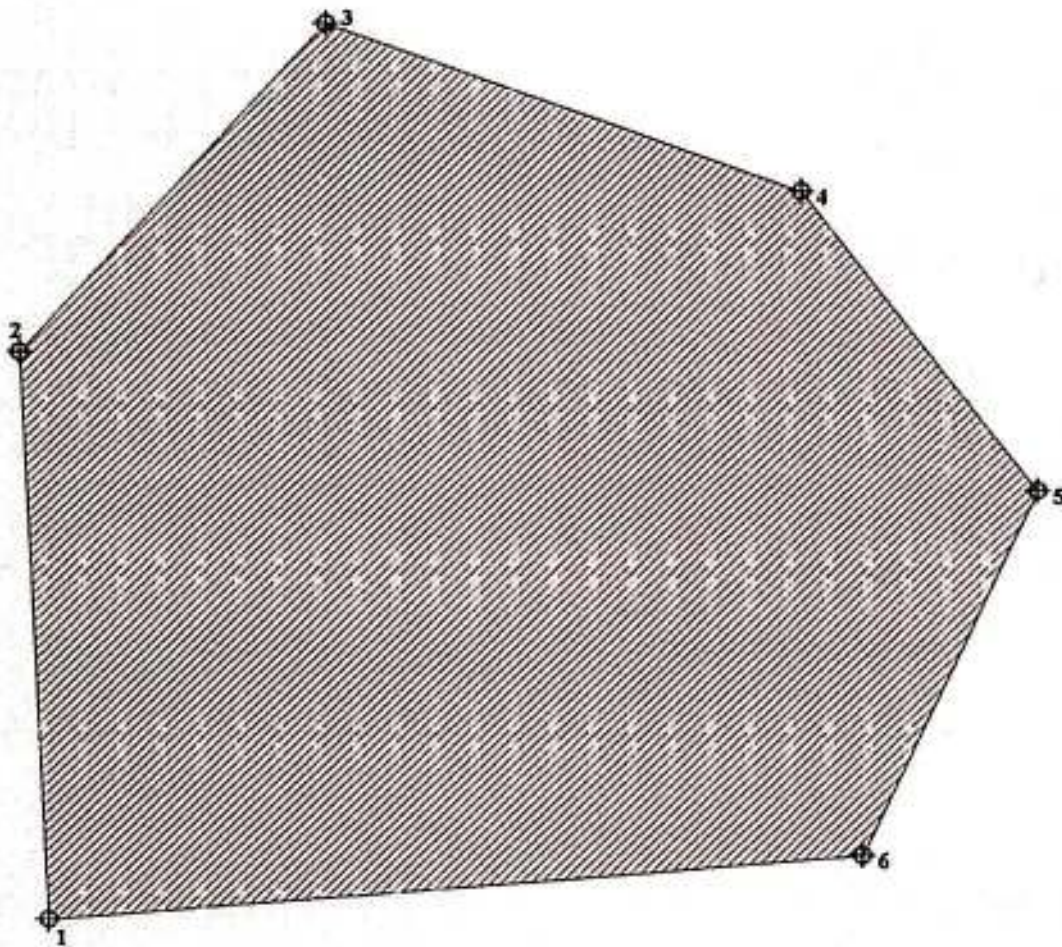


ESCALA 1:50.000

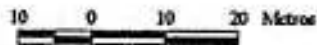




### ZONA DE DESENVOLVIMENTO AGRÍCOLA- N.º 3 APA DA CAFURINGA

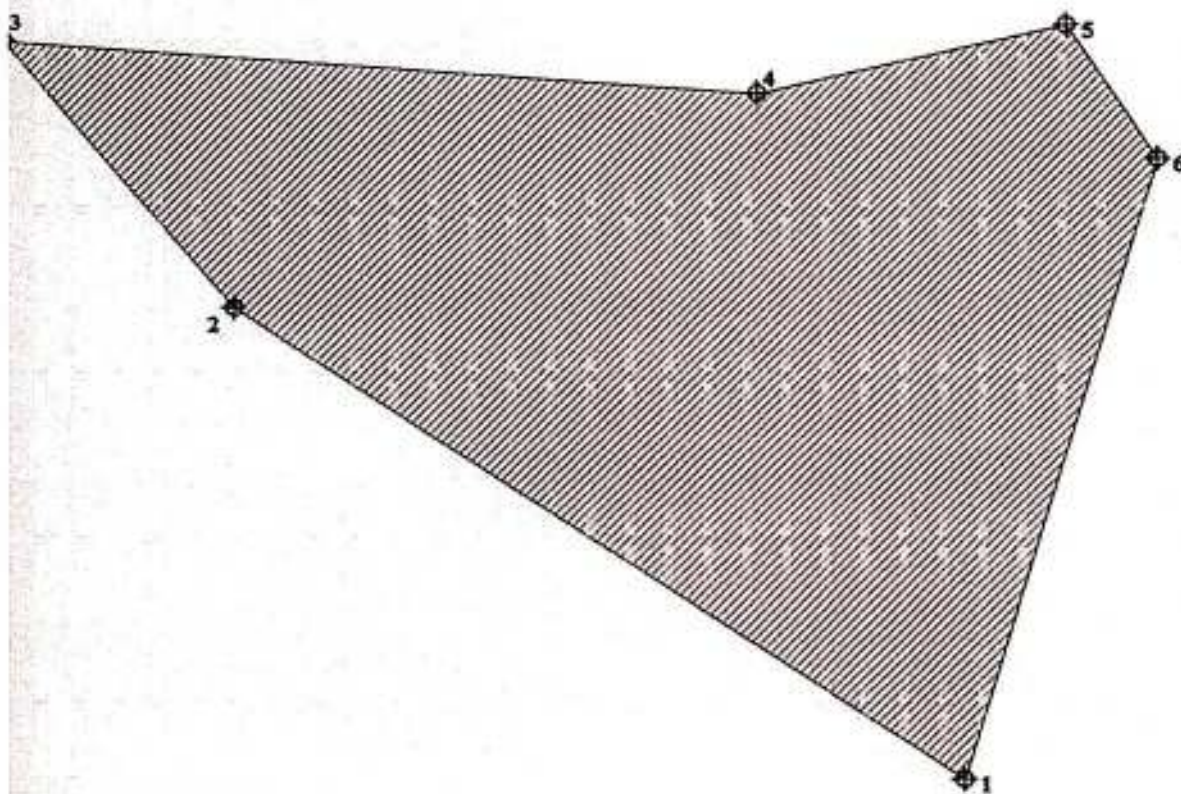


ESCALA 1:1.000





## ZONA DE DESENVOLVIMENTO AGRÍCOLA- N.º 4 APA DA CAFURINGA

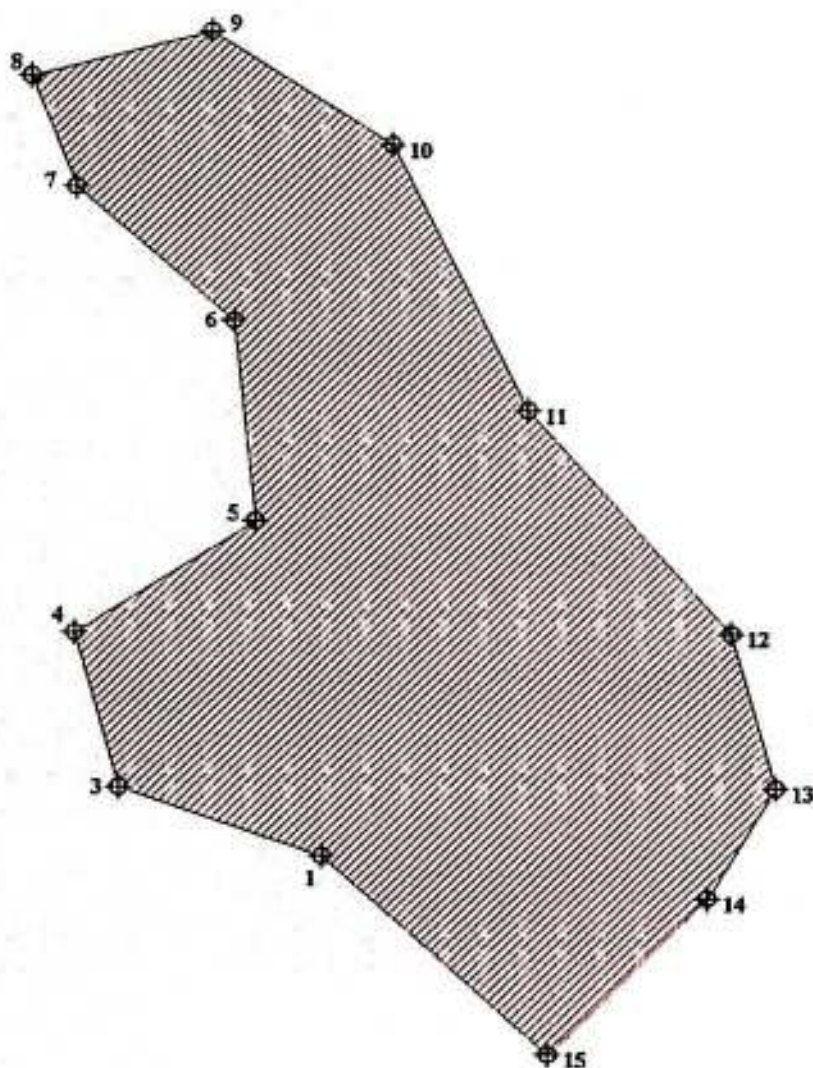


ESCALA 1:700





## ZONA DE DESENVOLVIMENTO AGRÍCOLA- N.º 5 APA DA CAFURINGA

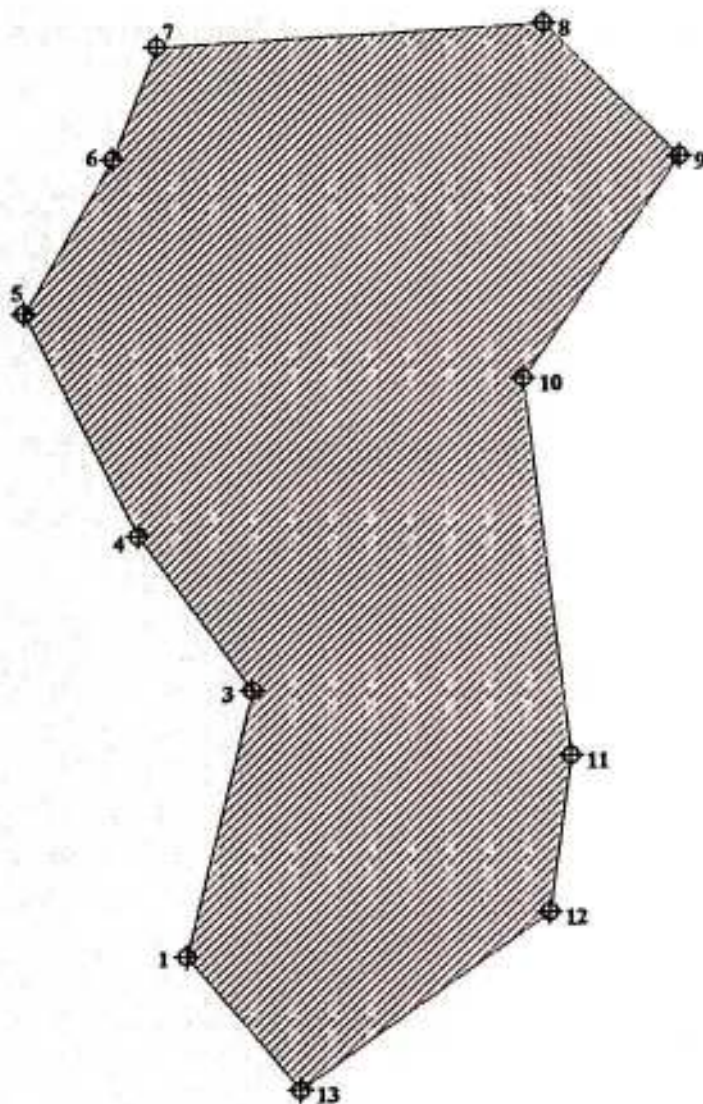


ESCALA 1:1.500





## ZONA DE DESENVOLVIMENTO AGRÍCOLA - N.º 6 APA DA CAFURINGA

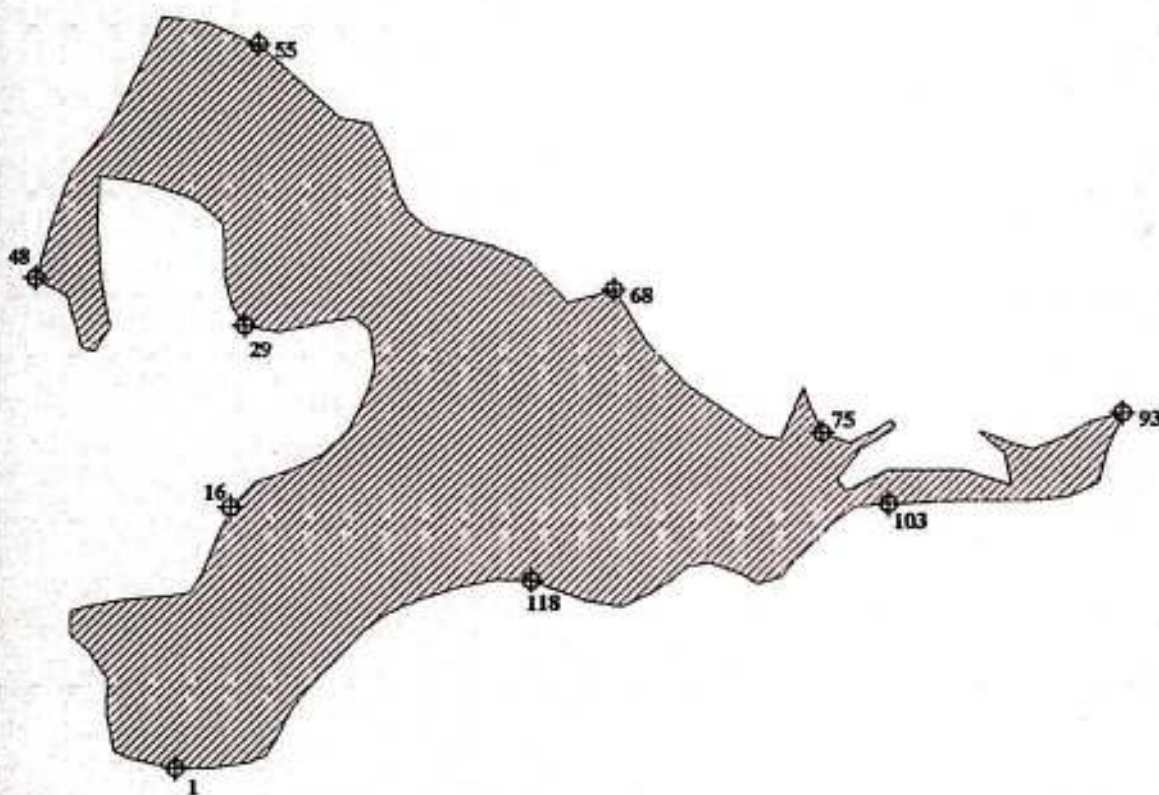


ESCALA 1:1.500





## ZONA DE DESENVOLVIMENTO AGRÍCOLA- N.º 7 APA DA CAFURINGA

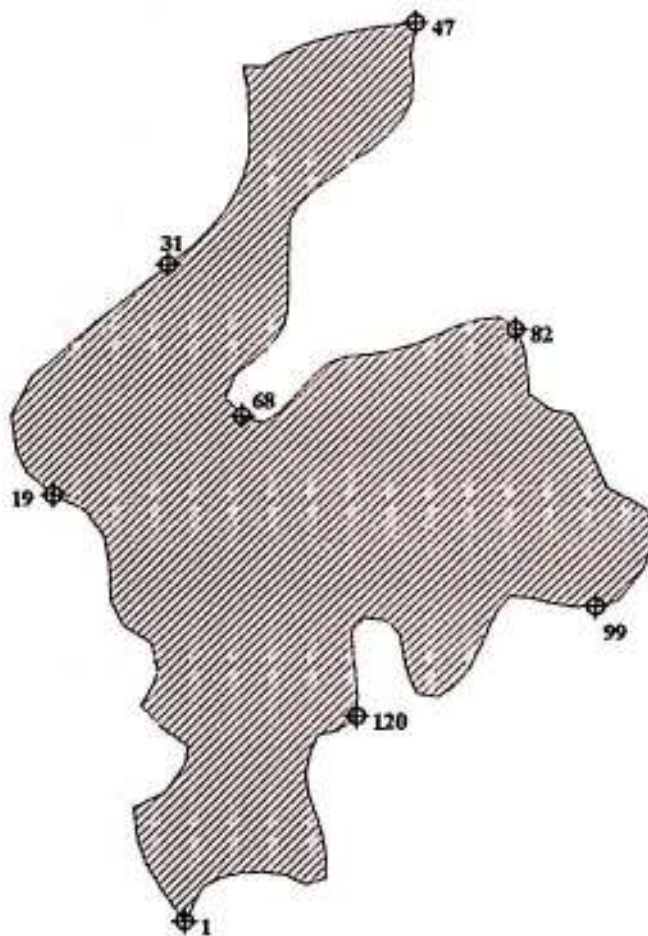


ESCALA 1:20.000

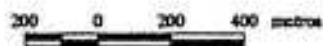




## ZONA DE DESENVOLVIMENTO AGRÍCOLA- N.º 8 APA DA CAFURINGA



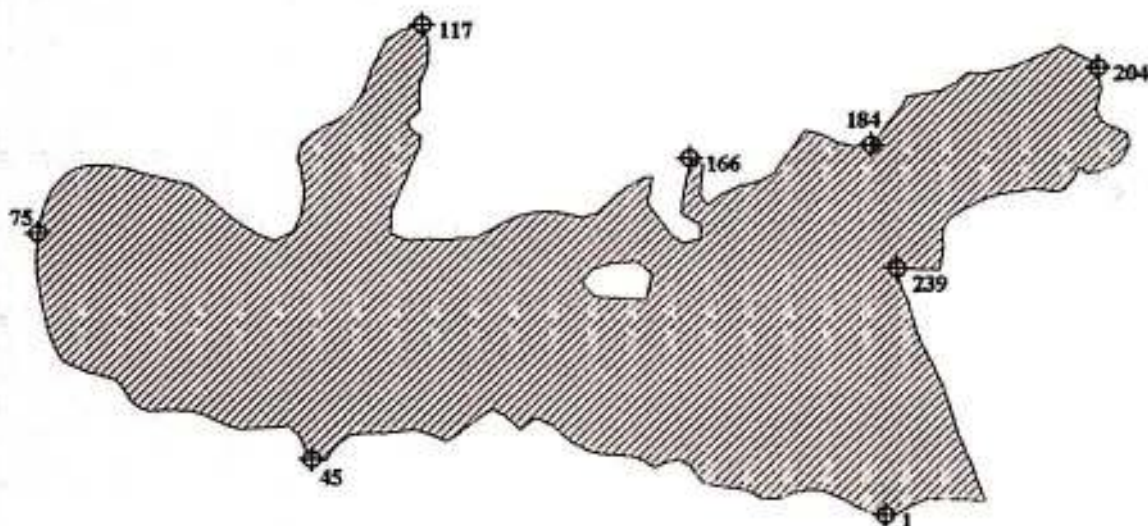
ESCALA 1:20.000







## ZONA DE DESENVOLVIMENTO AGRÍCOLA- N.º 9 APA DA CAFURINGA



ESCALA 1:40.000

400 0 400 800 Metros



ZONA DE DESENVOLVIMENTO AGRÍCOLA 1  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	182984,48438	8281900,00000
2	182903,76563	8281937,00000
3	182872,56250	8281991,50000
4	182842,28125	8282079,00000
5	182782,92188	8282143,50000
6	182725,56250	8282144,00000
7	182663,07813	8282144,00000
8	182574,96875	8282156,50000
9	182478,89063	8282198,50000
10	182432,73438	8282222,50000
11	182364,60938	8282273,50000
12	182298,90625	8282335,50000
13	182225,56250	8282396,50000
14	182142,37500	8282425,50000
15	182053,12500	8282426,00000
16	181953,67188	8282427,00000
17	181860,43750	8282442,50000
18	181810,57813	8282455,50000
19	181751,71875	8282474,50000
20	181691,51563	8282500,00000
21	181641,60938	8282517,50000
22	181548,28125	8282540,50000
23	181457,85938	8282531,50000
24	181356,23438	8282499,00000
25	181269,82813	8282472,50000
26	181183,32813	8282455,00000
27	181151,90625	8282414,50000
28	181138,40625	8282366,00000
29	181093,40625	8282285,00000
30	181065,87500	8282238,50000
31	181030,82813	8282180,00000
32	180987,89063	8282142,00000
33	180864,39063	8282127,00000
34	180790,48438	8282124,50000
35	180727,68750	8282205,50000
36	180727,68750	8282460,50000
37	180727,68750	8282897,50000
38	180558,03125	8283237,00000
39	180571,64063	8283242,50000
40	180593,57813	8283333,50000
41	180600,67188	8283334,00000
42	180593,68750	8283440,00000
43	180575,31250	8283488,00000
44	180551,65625	8283552,50000
45	180527,82813	8283632,50000
46	180514,10938	8283720,00000
47	180487,56250	8283815,00000
48	180452,60938	8283864,50000
49	180390,70313	8283928,00000
50	180327,54688	8283991,50000
51	180283,25000	8284095,50000
52	180355,10938	8284134,00000
53	180415,07813	8284136,00000
54	180475,06250	8284138,00000

ZONA DE DESENVOLVIMENTO AGRICOLA 1  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

55	180535.03125	8284140.00000
56	180595.00000	8284142.00000
57	180654.96875	8284144.00000
58	180714.95313	8284145.50000
59	180774.92188	8284147.50000
60	180834.89063	8284149.50000
61	180894.87500	8284151.50000
62	180954.84375	8284153.50000
63	181014.81250	8284155.50000
64	181074.79688	8284157.50000
65	181134.76563	8284159.50000
66	181194.73438	8284161.00000
67	181254.70313	8284163.00000
68	181314.67188	8284165.00000
69	181374.64063	8284167.00000
70	181434.60938	8284168.50000
71	181494.57813	8284170.50000
72	181554.53125	8284172.50000
73	181614.50000	8284174.50000
74	181674.45313	8284176.00000
75	181707.14063	8284092.00000
76	181725.51563	8284044.00000
77	181779.85938	8283971.50000
78	181840.73438	8283885.50000
79	181893.06875	8283798.00000
80	181964.95313	8283719.50000
81	182006.14063	8283682.50000
82	182062.76563	8283635.50000
83	182103.10938	8283561.00000
84	182121.54688	8283507.50000
85	182174.53125	8283441.50000
86	182219.50000	8283410.00000
87	182295.31250	8283356.50000
88	182340.21875	8283331.50000
89	182417.43750	8283285.50000
90	182465.40625	8283193.00000
91	182406.00000	8283146.00000
92	182317.95313	8283152.50000
93	182228.89063	8283136.50000
94	182210.71875	8283050.00000
95	182229.09375	8283002.00000
96	182255.07813	8282957.50000
97	182299.42188	8282867.50000
98	182329.23438	8282823.50000
99	182405.01563	8282772.50000
100	182495.79688	8282748.50000
101	182536.95313	8282715.50000
102	182595.20313	8282635.50000
103	182657.18750	8282563.00000
104	182729.21875	8282506.00000
105	182807.40625	8282468.00000
106	182872.57813	8282454.00000
107	182923.68750	8282444.00000
108	183015.60938	8282432.00000
109	183103.57813	8282432.00000

ZONA DE DESENVOLVIMENTO AGRÍCOLA 1  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

110	183176,98438	8282480,00000
111	183212,98438	8282569,00000
112	183306,43750	8282650,00000
113	183343,37500	8282537,00000
114	183384,50000	8282506,50000
115	183470,31250	8282471,00000
116	183550,92188	8282444,50000
117	183614,06250	8282383,50000
118	183642,64063	8282335,00000
119	183664,00000	8282247,50000
120	183650,95313	8282159,00000
121	183622,17188	8282109,50000
122	183553,89063	8282059,00000
123	183481,43750	8282039,00000
124	183383,56250	8282012,50000
125	183288,12500	8281997,50000
126	183213,40625	8281952,00000
127	183128,42188	8281912,50000
128	183077,51563	8281904,00000
129	182984,48438	8281900,00000

ZONA DE DESENVOLVIMENTO AGRÍCOLA 2  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	156741,95875	8278486,50000
2	156558,76563	8283835,50000
3	158245,79688	8283878,50000
4	158296,43750	8283877,00000
5	158289,07813	8283818,50000
6	158288,79688	8283728,50000
7	158274,20313	8283665,00000
8	158212,45313	8283599,50000
9	158127,54688	8283552,50000
10	158042,62500	8283507,00000
11	157973,17188	8283447,50000
12	157961,39063	8283359,00000
13	158039,75000	8283305,50000
14	158112,29688	8283317,00000
15	158206,57813	8283322,00000
16	158282,18750	8283286,50000
17	158288,26563	8283197,50000
18	158271,01563	8283143,00000
19	158206,73438	8283076,00000
20	158133,57813	8283004,00000
21	158065,50000	8282934,50000
22	158035,45313	8282885,00000
23	158011,78125	8282834,50000
24	157957,95313	8282744,50000
25	157902,73438	8282665,00000
26	157856,59375	8282572,50000
27	157850,00000	8282476,00000
28	157850,62500	8282419,00000
29	157856,75000	8282325,50000
30	157867,87500	8282241,50000
31	157874,82813	8282189,50000
32	157866,50000	8282135,50000
33	157818,75000	8282072,00000
34	157713,07813	8282058,00000
35	157625,23438	8282047,00000
36	157567,98438	8282037,00000
37	157508,82813	8281967,00000
38	157504,67188	8281881,00000
39	157524,76563	8281793,50000
40	157548,64063	8281708,50000
41	157591,17188	8281667,00000
42	157665,59375	8281623,50000
43	157717,39063	8281666,50000
44	157734,64063	8281721,00000
45	157753,25000	8281768,00000
46	157794,35938	8281855,50000
47	157883,45313	8281869,00000
48	157943,85938	8281940,00000
49	158020,98438	8281999,50000
50	158071,85938	8282009,50000
51	158164,89063	8282013,50000
52	158267,01563	8282002,00000
53	158353,59375	8282012,00000
54	158416,68750	8282071,50000

ZONA DE DESENVOLVIMENTO AGRÍCOLA 2  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

55	158442,96875	8282115,50000
56	158500,65625	8282203,00000
57	158576,39063	8282271,00000
58	158615,46875	8282311,50000
59	158662,12500	8282358,50000
60	158696,12500	8282396,50000
61	158774,37500	8282468,50000
62	158821,20313	8282500,00000
63	158866,78125	8282529,50000
64	158925,76563	8282614,00000
65	158952,06250	8282657,00000
66	158982,17188	8282701,50000
67	159014,85938	8282743,00000
68	159075,32813	8282809,00000
69	159165,73438	8282819,00000
70	159265,17188	8282819,00000
71	159300,56250	8282807,50000
72	159328,53125	8282720,00000
73	159282,17188	8282720,00000
74	159184,79688	8282674,00000
75	159180,15625	8282632,00000
76	159263,62500	8282535,00000
77	159268,25000	8282381,50000
78	159286,79688	8282293,50000
79	159254,34375	8282224,00000
80	159124,51563	8282191,50000
81	159138,42188	8282085,00000
82	159110,59375	8282006,00000
83	159082,78125	8281936,50000
84	158990,03125	8281922,50000
85	158966,84375	8281899,50000
86	159022,50000	8281830,00000
87	159096,68750	8281755,50000
88	159198,70313	8281728,00000
89	159263,62500	8281732,50000
90	159370,26563	8281723,50000
91	159425,92188	8281723,50000
92	159467,64063	8281783,50000
93	159527,93750	8281793,00000
94	159588,21875	8281834,50000
95	159685,59375	8281871,50000
96	159713,40625	8281927,50000
97	159731,95313	8282020,00000
98	159773,68750	8282094,00000
99	159741,23438	8282117,50000
100	159713,40625	8282177,50000
101	159699,50000	8282233,50000
102	159736,59375	8282284,50000
103	159736,59375	8282307,50000
104	159680,95313	8282354,00000
105	159629,93750	8282340,00000
106	159490,82813	8282330,50000
107	159449,09375	8282358,50000
108	159430,54688	8282386,50000
109	159444,46875	8282479,00000

ZONA DE DESENVOLVIMENTO AGRÍCOLA 2  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

110	159490.82813	8282521.00000
111	159537.20313	8282558.00000
112	159588.21875	8282646.00000
113	159602.12500	8282701.50000
114	159597.48438	8282785.00000
115	159589.65625	8282808.50000
116	159463.01563	8282822.50000
117	159398.09375	8282887.00000
118	159393.45313	8282970.50000
119	159350.73438	8283021.00000
120	159346.50000	8283026.00000
121	159345.01563	8283031.50000
122	159325.76563	8283105.00000
123	159256.25000	8283167.50000
124	159157.70313	8283201.50000
125	159112.71875	8283234.50000
126	159034.26563	8283297.00000
127	158981.79688	8283314.50000
128	158924.21875	8283333.50000
129	158870.45313	8283354.00000
130	158793.28125	8283415.00000
131	158773.59375	8283465.50000
132	158761.20313	8283549.50000
133	158747.79688	8283609.00000
134	158727.53125	8283712.50000
135	158722.70313	8283804.00000
136	158761.28125	8283864.50000
137	159457.35938	8283895.50000
138	159511.31250	8283895.50000
139	159531.59375	8283812.50000
140	159476.92188	8283814.50000
141	159361.00000	8283805.50000
142	159342.45313	8283745.00000
143	159337.81250	8283694.00000
144	159384.18750	8283680.00000
145	159458.37500	8283661.50000
146	159481.56250	8283606.00000
147	159435.18750	8283536.50000
148	159416.64063	8283480.50000
149	159374.90625	8283448.50000
150	159323.90625	8283434.50000
151	159268.25000	8283443.50000
152	159189.42188	8283443.50000
153	159105.95313	8283425.00000
154	159119.87500	8283337.00000
155	159175.51563	8283290.50000
156	159231.15625	8283304.50000
157	159249.70313	8283360.00000
158	159342.45313	8283365.00000
159	159430.54688	8283355.50000
160	159430.54688	8283300.00000
161	159458.37500	8283272.00000
162	159583.57813	8283235.00000
163	159718.04688	8283235.00000
164	159657.15625	8283193.00000

ZONA DE DESENVOLVIMENTO AGRICOLA 2  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

165	159922.07813	8283188.50000
166	159940.62500	8283123.50000
167	159963.81250	8283072.50000
168	160000.90625	8283063.50000
169	160093.64063	8283063.50000
170	160177.10938	8283063.50000
171	160214.20313	8283105.00000
172	160228.12500	8283156.00000
173	160228.12500	8283214.00000
174	160269.21875	8283255.50000
175	160274.48438	8283253.50000
176	160339.40625	8283202.50000
177	160371.87500	8283109.50000
178	160436.78125	8282961.50000
179	160487.79688	8282859.50000
180	160571.26563	8282892.00000
181	160603.71875	8282966.00000
182	160752.10938	8282947.50000
183	160798.46875	8282905.50000
184	160840.20313	8282878.00000
185	160830.93750	8282822.50000
186	160932.95313	8282817.50000
187	160983.95313	8282864.00000
188	161016.42188	8282929.00000
189	160979.31250	8283035.50000
190	160914.40625	8283096.00000
191	160877.31250	8283133.00000
192	160886.57813	8283174.50000
193	161044.23438	8283193.00000
194	161141.60938	8283188.50000
195	161252.90625	8283221.00000
196	161322.45313	8283253.50000
197	161433.75000	8283253.50000
198	161466.20313	8283286.00000
199	161461.57813	8283365.00000
200	161434.21875	8283427.00000
201	161468.93750	8283446.00000
202	161534.46875	8283515.50000
203	161571.03125	8283564.00000
204	161609.95313	8283559.50000
205	161702.70313	8283550.50000
206	161735.15625	8283522.50000
207	161721.25000	8283471.50000
208	161707.32813	8283374.00000
209	161781.53125	8283337.00000
210	161855.71875	8283314.00000
211	161883.54688	8283332.50000
212	161957.73438	8283448.50000
213	162092.20313	8283485.50000
214	162157.12500	8283480.50000
215	162235.95313	8283471.50000
216	162324.06250	8283448.50000
217	162435.34375	8283429.50000
218	162467.81250	8283439.00000
219	162514.17188	8283490.00000



ZONA DE DESENVOLVIMENTO AGRÍCOLA 2  
 MEMORIAL DESCRITIVO  
 APA DE CAFURINGA

220	162509.54688	8283508.50000
221	162458.53125	8283522.50000
222	162379.70313	8283536.50000
223	162337.96875	8283564.00000
224	162351.87500	8283610.50000
225	162435.34375	8283620.00000
226	162495.62500	8283624.50000
227	162528.09375	8283633.50000
228	162532.92188	8283703.00000
229	162542.31250	8283705.00000
230	162639.37500	8283722.00000
231	162685.75000	8283694.00000
232	162727.48438	8283657.00000
233	162764.57813	8283643.00000
234	162787.76563	8283675.50000
235	162824.85938	8283708.00000
236	162886.59375	8283684.50000
237	162889.78125	8283629.00000
238	162950.06250	8283596.50000
239	162973.25000	8283643.00000
240	162982.51563	8283749.50000
241	162996.42188	8283796.00000
242	162922.23438	8283865.50000
243	162697.54688	8283861.00000
244	162104.48438	8283848.50000
245	162041.20313	8283847.00000
246	162008.73438	8283842.50000
247	161948.45313	8283768.00000
248	161916.00000	8283726.50000
249	161823.26563	8283731.00000
250	161790.37500	8283787.50000
251	161816.87500	8283804.00000
252	161857.32813	8283835.50000
253	161925.48438	8283897.50000
254	161992.51563	8283945.50000
255	162703.09375	8283939.00000
256	164514.50000	8283926.50000
257	164528.54688	8283926.50000
258	164528.54688	8283764.00000
259	164770.53125	8283576.00000
260	164770.53125	8283226.50000
261	164904.98438	8282715.50000
262	165026.04688	8282594.50000
263	164997.54688	8282592.50000
264	164895.37500	8282515.50000
265	164886.85938	8282413.50000
266	164784.68750	8282413.50000
267	164665.50000	8282413.50000
268	164554.81250	8282413.50000
269	164520.75000	8282354.00000
270	164597.37500	8282320.00000
271	164571.84375	8282269.00000
272	164535.79688	8282221.00000
273	164468.25000	8282219.50000
274	164419.59375	8282237.50000

ZONA DE DESENVOLVIMENTO AGRÍCOLA 2  
 MEMORIAL DESCRITIVO  
 APA DE CAFURINGA

275	164340,06250	8282282,00000
276	164313,62500	8282368,00000
277	164356,01563	8282454,00000
278	164425,56250	8282506,00000
279	164495,00000	8282568,00000
280	164460,15625	8282607,50000
281	164384,42188	8282653,00000
282	164347,04688	8282689,50000
283	164329,92188	8282740,50000
284	164340,26563	8282843,00000
285	164312,59375	8282924,00000
286	164262,01563	8283003,00000
287	164219,59375	8283034,50000
288	164147,70313	8283080,00000
289	164050,65625	8283093,00000
290	163948,54688	8283104,50000
291	163855,32813	8283118,50000
292	163758,29688	8283131,50000
293	163662,78125	8283121,50000
294	163604,81250	8283060,50000
295	163572,10938	8283020,00000
296	163533,10938	8282972,00000
297	163496,53125	8282936,50000
298	163398,70313	8282905,00000
299	163345,17188	8282905,00000
300	163292,85938	8282907,50000
301	163236,70313	8282914,00000
302	163181,78125	8282923,00000
303	163096,18750	8282938,50000
304	163045,14063	8282943,50000
305	162990,26563	8282948,50000
306	162891,09375	8282924,50000
307	162782,96875	8282902,00000
308	162721,85938	8282894,50000
309	162645,78125	8282856,50000
310	162701,28125	8282795,50000
311	162775,70313	8282751,00000
312	162865,26563	8282722,00000
313	162915,14063	8282708,00000
314	162963,75000	8282694,00000
315	163030,81250	8282624,00000
316	163028,81250	8282573,50000
317	163009,48438	8282476,00000
318	162997,39063	8282416,50000
319	162999,78125	8282316,50000
320	163089,62500	8282260,50000
321	163159,23438	8282192,00000
322	163125,75000	8282106,00000
323	163095,60938	8282065,50000
324	163052,56250	8282037,50000
325	162947,17188	8282000,00000
326	162891,28125	8281981,00000
327	162802,29688	8281957,00000
328	162743,68750	8281954,50000
329	162688,85938	8281954,50000

ZONA DE DESENVOLVIMENTO AGRÍCOLA 2  
 MEMORIAL DESCRITIVO  
 APA DE CAFURINGA

330	162606,93750	8281983,50000
331	162577,15625	8282025,50000
332	162573,60938	8282117,00000
333	162587,09375	8282166,00000
334	162592,82813	8282224,50000
335	162587,15625	8282275,00000
336	162517,78125	8282324,50000
337	162428,45313	8282331,00000
338	162344,59375	8282306,00000
339	162304,76563	8282218,50000
340	162267,32813	8282145,00000
341	162177,20313	8282108,50000
342	162177,76563	8282057,50000
343	162186,07813	8281998,00000
344	162217,32813	8281938,50000
345	162248,40625	8281894,00000
346	162304,03125	8281822,00000
347	162338,85938	8281785,00000
348	162367,78125	8281705,50000
349	162348,28125	8281623,00000
350	162286,45313	8281565,00000
351	162243,53125	8281527,00000
352	162167,59375	8281476,50000
353	162075,03125	8281431,00000
354	161988,56250	8281410,50000
355	161887,84375	8281410,50000
356	161845,39063	8281445,00000
357	161787,07813	8281530,00000
358	161741,48438	8281618,50000
359	161700,87500	8281717,50000
360	161687,17188	8281805,00000
361	161593,64063	8281847,00000
362	161540,12500	8281843,00000
363	161498,39063	8281813,00000
364	161413,34375	8281780,00000
365	161322,62500	8281798,00000
366	161261,34375	8281805,50000
367	161185,45313	8281751,00000
368	161110,64063	8281713,00000
369	161068,93750	8281680,50000
370	161002,15625	8281609,50000
371	160935,29688	8281545,00000
372	160865,90625	8281514,50000
373	160788,04688	8281487,00000
374	160734,50000	8281487,00000
375	160646,32813	8281504,50000
376	160578,14063	8281560,50000
377	160535,07813	8281652,00000
378	160490,82813	8281733,00000
379	160430,17188	8281800,00000
380	160343,50000	8281798,00000
381	160231,51563	8281780,00000
382	160151,68750	8281734,50000
383	160080,95313	8281675,00000
384	160010,59375	8281581,50000

ZONA DE DESENVOLVIMENTO AGRICOLA 2  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

385	159971.45313	8281546.00000
386	159925.95313	8281510.50000
387	159849.93750	8281466.50000
388	159791.57813	8281441.00000
389	159709.06250	8281409.50000
390	159612.50000	8281379.50000
391	159564.21875	8281364.00000
392	159483.06250	8281325.00000
393	159400.73438	8281275.50000
394	159354.03125	8281232.50000
395	159318.76563	8281193.50000
396	159255.84375	8281119.00000
397	159218.07813	8281076.00000
398	159134.23438	8281048.00000
399	159052.43750	8281067.00000
400	158962.92188	8281091.50000
401	158865.78125	8281114.00000
402	158813.37500	8281125.50000
403	158761.01563	8281134.50000
404	158706.26563	8281128.50000
405	158601.82813	8281118.50000
406	158507.81250	8281089.50000
407	158453.17188	8281073.00000
408	158393.46875	8281052.50000
409	158335.01563	8281035.00000
410	158239.75000	8281003.50000
411	158188.93750	8280987.00000
412	158102.62500	8280953.00000
413	158011.39063	8280901.00000
414	157994.46875	8280817.50000
415	157995.12500	8280758.00000
416	157989.35938	8280702.50000
417	157989.93750	8280650.50000
418	158025.42188	8280554.00000
419	158055.20313	8280512.00000
420	158091.32813	8280473.00000
421	158178.81250	8280400.50000
422	158267.39063	8280346.00000
423	158353.42188	8280290.00000
424	158412.42188	8280257.00000
425	158499.56250	8280216.50000
426	158547.12500	8280181.00000
427	158600.21875	8280106.00000
428	158653.48438	8280016.00000
429	158739.53125	8279959.00000
430	158791.85938	8279954.00000
431	158883.81250	8279940.00000
432	158932.42188	8279924.50000
433	158987.46875	8279904.00000
434	159040.50000	8279834.50000
435	159081.07813	8279739.50000
436	159084.70313	8279642.00000
437	159093.14063	8279569.50000
438	159079.73438	8279514.00000
439	158991.00000	8279467.00000

ZONA DE DESENVOLVIMENTO AGRÍCOLA 2  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

440	158889.32813	8279438.00000
441	158823.21875	8279421.50000
442	158769.78125	8279411.50000
443	158716.35938	8279400.50000
444	158632.46875	8279377.50000
445	158570.21875	8279357.50000
446	158520.70313	8279338.50000
447	158417.96875	8279290.50000
448	158371.06250	8279266.50000
449	158311.42188	8279241.00000
450	158261.87500	8279225.00000
451	158211.12500	8279203.50000
452	158124.92188	8279159.00000
453	158036.35938	8279097.00000
454	157951.54688	8279041.50000
455	157898.20313	8279024.00000
456	157847.34375	8279011.00000
457	157784.98438	8279001.00000
458	157695.89063	8278987.50000
459	157596.73438	8278961.00000
460	157511.67188	8278929.50000
461	157429.37500	8278877.50000
462	157383.20313	8278786.50000
463	157363.31250	8278740.50000
464	157319.57813	8278659.50000
465	157248.93750	8278591.50000
466	157258.42188	8278540.50000
467	157258.42188	8278540.50000
468	157274.26563	8278491.50000
469	157299.07813	8278438.00000
470	157317.59375	8278377.00000
471	157361.92188	8278286.50000
472	157387.92188	8278243.00000
473	157437.29688	8278158.00000
474	157458.68750	8278068.00000
475	157459.35938	8278007.00000
476	157460.18750	8277931.00000
477	157460.76563	8277879.00000
478	157469.42188	8277786.50000
479	157495.12500	8277717.50000
480	157393.50000	8277736.00000
481	157289.68750	8277785.50000
482	157237.75000	8277870.50000
483	157206.64063	8277917.50000
484	157172.89063	8277972.00000
485	157080.00000	8278071.00000
486	157007.79688	8278145.50000
487	156965.28125	8278185.00000
488	156943.07813	8278233.00000
489	156896.28125	8278315.50000
490	156829.12500	8278393.00000
491	156741.96875	8278486.50000

ZONA DE DESENVOLVIMENTO AGRÍCOLA 3  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	161994.82813	8283541.00000
2	161990.18750	8283620.00000
3	162031.92188	8283666.00000
4	162096.84375	8283643.00000
5	162129.29688	8283601.50000
6	162106.12500	8283550.50000
7	161994.82813	8283541.00000

ZONA DE DESENVOLVIMENTO AGRICOLA 4  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	160728,92188	8283244,00000
2	160659,35938	8283290,50000
3	160637,12500	8283316,50000
4	160709,31250	8283311,00000
5	160738,89063	8283317,50000
6	160747,46875	8283304,50000
7	160728,92188	8283244,00000

ZONA DE DESENVOLVIMENTO AGRICOLA 5  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	159472,28125	8282576,50000
2	159425,92188	8282618,00000
3	159384,18750	8282632,00000
4	159374,90625	8282664,50000
5	159412,00000	8282688,00000
6	159407,35938	8282729,50000
7	159374,90625	8282757,50000
8	159365,64063	8282780,50000
9	159402,73438	8282790,00000
10	159439,82813	8282766,50000
11	159467,64063	8282711,00000
12	159509,37500	8282664,50000
13	159518,65625	8282632,00000
14	159504,75000	8282609,00000
15	159472,28125	8282576,50000



ZONA DE DESENVOLVIMENTO AGRÍCOLA 6  
MEMORIAL DESCRITIVO  
APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	159388.81250	8281899.50000
2	159365.64063	8281927.50000
3	159379.54688	8281983.00000
4	159356.35938	8282015.50000
5	159333.17188	8282062.00000
6	159351.71875	8282094.00000
7	159361.00000	8282117.50000
8	159439.82613	8282122.00000
9	159467.64063	8282094.00000
10	159435.18750	8282048.00000
11	159444.46875	8281969.00000
12	159439.82613	8281936.50000
13	159388.81250	8281899.50000

ZONA DE DESENVOLVIMENTO AGRÍCOLA 7  
 MEMORIAL DESCRITIVO  
 APA DE CAFURINGA

CODIGO	Coord_X	Coord_Y
1	165339.14063	8279890.00000
2	165216.45313	8279917.00000
3	165170.34375	8279937.00000
4	165150.09375	8280038.50000
5	165150.26563	8280138.50000
6	165098.42188	8280216.00000
7	165049.48438	8280260.50000
8	165048.75000	8280327.50000
9	165103.40625	8280342.50000
10	165156.84375	8280352.50000
11	165220.48438	8280361.50000
12	165314.75000	8280369.00000
13	165378.35938	8280380.00000
14	165413.48438	8280433.50000
15	165446.92188	8280522.00000
16	165489.25000	8280614.50000
17	165557.29688	8280686.50000
18	165655.09375	8280720.50000
19	165738.81250	8280760.00000
20	165812.00000	8280828.00000
21	165836.96875	8280876.50000
22	165873.03125	8280958.50000
23	165883.93750	8281010.50000
24	165872.62500	8281112.00000
25	165830.17188	8281146.00000
26	165729.64063	8281130.00000
27	165674.93750	8281118.50000
28	165621.51563	8281107.00000
29	165529.54688	8281123.50000
30	165494.60938	8281170.50000
31	165473.23438	8281259.50000
32	165473.50000	8281350.50000
33	165469.07813	8281405.00000
34	165404.65625	8281466.00000
35	165358.51563	8281489.00000
36	165268.98438	8281515.50000
37	165216.56250	8281528.00000
38	165128.46875	8281539.50000
39	165123.15625	8281443.50000
40	165123.75000	8281389.00000
41	165128.21875	8281330.50000
42	165132.78125	8281263.50000
43	165141.04688	8281208.00000
44	165157.31250	8281120.50000
45	165113.43750	8281052.00000
46	165081.64063	8281062.00000
47	165040.10938	8281204.50000
48	164954.96875	8281255.50000
49	164997.54688	8281400.50000
50	165048.62500	8281545.00000
51	165159.31250	8281681.50000
52	165252.95313	8281860.00000
53	165304.04688	8281979.50000
54	165423.23438	8281962.50000