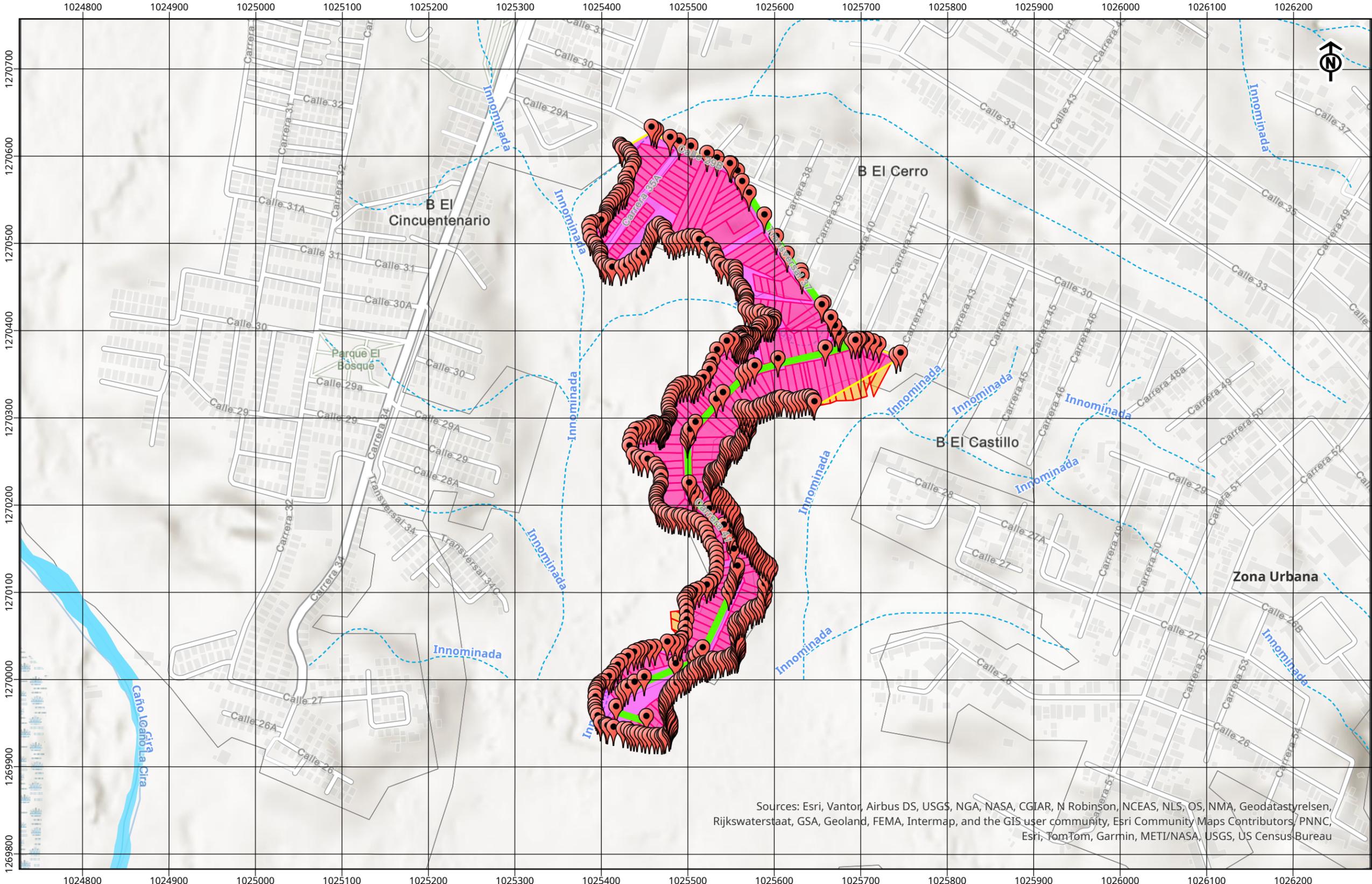


# Corporación Autónoma Regional de Santander - CAS



## LEYENDA

- nodeStyle
- s\_ylw-pushpin
- PolyStyle00
- PolyStyle006725130
- Drenajes dobles base 25k año 2015
- Intermittente
- Permanente
- veredas
- Municipios Jurisdiccion
- CAS - Fuente
- Ordenamiento Territorial 1era Generación
- Sustracción Definitiva

Sources: Esri, Vantor, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastystyrsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community, Esri Community Maps Contributors, PNNC, Esri, TomTom, Garmin, METI/NASA, USGS, US Census Bureau

Escala de impresión: 1:4,514

Barra de escala: 0.3 km

Fecha Elaboración:

3/26/2026 10:15 AM

<b>Nodo</b>	<b>Latitud_WGS84</b>	<b>Longitud_WGS84</b>	<b>Este_EPSG3116</b>	<b>Norte_EPSG3116</b>
1	7,0431736742	-73,8474197781	1025421,364	1270606,897
2	7,0431735557	-73,8474195890	1025421,384	1270606,883
3	7,0431572117	-73,8474048653	1025423,012	1270605,077
4	7,0431408677	-73,8473983227	1025423,736	1270603,270
5	7,0431310607	-73,8473574238	1025428,255	1270602,187
6	7,0431065442	-73,8473345210	1025430,787	1270599,477
7	7,0430918349	-73,8473165263	1025432,776	1270597,851
8	7,0430689533	-73,8473050747	1025434,042	1270595,322
9	7,0430297280	-73,8472936243	1025435,310	1270590,984
10	7,0430003088	-73,8472739935	1025437,480	1270587,732
11	7,0429774285	-73,8472805377	1025436,758	1270585,201
12	7,0429512788	-73,8472968976	1025434,952	1270582,308
13	7,0429251290	-73,8473099857	1025433,508	1270579,415
14	7,0428728293	-73,8473361618	1025430,618	1270573,630
15	7,0428237985	-73,8473672452	1025427,187	1270568,206
16	7,0427878421	-73,8473656103	1025427,369	1270564,230
17	7,0427600578	-73,8473492514	1025429,178	1270561,158
18	7,0427355426	-73,8473492519	1025429,180	1270558,447
19	7,0427044893	-73,8473705193	1025426,832	1270555,011
20	7,0426979523	-73,8473966945	1025423,940	1270554,287
21	7,0426895897	-73,8474263734	1025420,661	1270553,360
22	7,0426542041	-73,8474370377	1025419,485	1270549,446
23	7,0426293106	-73,8474703128	1025415,810	1270546,692
24	7,0425998922	-73,8474915811	1025413,462	1270543,437
25	7,0425737426	-73,8475177557	1025410,571	1270540,544
26	7,0425443242	-73,8475439314	1025407,681	1270537,289
27	7,0425100030	-73,8475586560	1025406,056	1270533,492
28	7,0424789495	-73,8475668358	1025405,154	1270530,058
29	7,0424598350	-73,8475595810	1025405,956	1270527,944
30	7,0424379892	-73,8475678176	1025405,047	1270525,528
31	7,0424246973	-73,8475761809	1025404,124	1270524,057
32	7,0424111977	-73,8475983738	1025401,673	1270522,563
33	7,0423996783	-73,8476205939	1025399,218	1270521,288
34	7,0423710793	-73,8477067858	1025389,697	1270518,120
35	7,0423588999	-73,8477290059	1025387,243	1270516,772
36	7,0423283285	-73,8477483029	1025385,112	1270513,390
37	7,0422771133	-73,8477396149	1025386,075	1270507,727
38	7,0422179951	-73,8477308185	1025387,050	1270501,189
39	7,0421670870	-73,8477010602	1025390,341	1270495,561
40	7,0421451049	-73,8476743696	1025393,291	1270493,131
41	7,0421071635	-73,8476579883	1025395,103	1270488,936
42	7,0420902524	-73,8476398751	1025397,105	1270487,067
43	7,0420745947	-73,8476259443	1025398,645	1270485,336

44	7,0420537189	-73,8476259447	1025398,646	1270483,027
45	7,0420206652	-73,8476311694	1025398,071	1270479,372
46	7,0419997895	-73,8476294284	1025398,264	1270477,063
47	7,0419806533	-73,8476207227	1025399,227	1270474,947
48	7,0419475990	-73,8475963439	1025401,922	1270471,293
49	7,0419267229	-73,8475754486	1025404,232	1270468,985
50	7,0419162847	-73,8475284332	1025409,427	1270467,834
51	7,0419093253	-73,8475040549	1025412,121	1270467,065
52	7,0419093236	-73,8474117651	1025422,318	1270467,070
53	7,0419301984	-73,8473595250	1025428,088	1270469,382
54	7,0419667306	-73,8473038018	1025434,243	1270473,425
55	7,0419997826	-73,8472550443	1025439,628	1270477,083
56	7,0420258770	-73,8472289239	1025442,513	1270479,970
57	7,0420577480	-73,8471723292	1025448,764	1270483,498
58	7,0421400674	-73,8471261502	1025453,862	1270492,604
59	7,0421970509	-73,8471019833	1025456,529	1270498,907
60	7,0422256070	-73,8470950362	1025457,295	1270502,066
61	7,0422684117	-73,8470846224	1025458,443	1270506,800
62	7,0423041643	-73,8470706653	1025459,983	1270510,755
63	7,0423308835	-73,8470447250	1025462,848	1270513,711
64	7,0423540599	-73,8470141734	1025466,222	1270516,276
65	7,0423356331	-73,8469818974	1025469,789	1270514,240
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67	7,0422895300	-73,8469565179	1025472,596	1270509,143
68	7,0422595640	-73,8469495964	1025473,362	1270505,829
69	7,0422272918	-73,8469219095	1025476,423	1270502,261
70	7,0421927150	-73,8469080660	1025477,954	1270498,438
71	7,0421742726	-73,8468642276	1025482,799	1270496,401
72	7,0421811875	-73,8468365391	1025485,857	1270497,167
73	7,0421950177	-73,8467973142	1025490,190	1270498,699
74	7,0422111527	-73,8467534751	1025495,033	1270500,486
75	7,0422249826	-73,8467004070	1025500,896	1270502,018
76	7,0422272866	-73,8466588752	1025505,484	1270502,275
77	7,0422213485	-73,8466098468	1025510,902	1270501,621
78	7,0421968213	-73,8465947559	1025512,570	1270498,910
79	7,0421418927	-73,8465116448	1025521,756	1270492,839
80	7,0420863034	-73,8464412592	1025529,536	1270486,696
81	7,0420295142	-73,8464183952	1025532,065	1270480,416
82	7,0420085035	-73,8464099358	1025533,001	1270478,093
83	7,0419529722	-73,8463912316	1025535,070	1270471,953
84	7,0419276155	-73,8463612366	1025538,386	1270469,150
85	7,0419068686	-73,8462966330	1025545,525	1270466,859
86	7,0419068678	-73,8462597155	1025549,603	1270466,861
87	7,0419022563	-73,8462158768	1025554,447	1270466,354

88	7,0418815106	-73,8462112622	1025554,958	1270464,060
89	7,0418423235	-73,8462089560	1025555,215	1270459,726
90	7,0418054421	-73,8462089568	1025555,217	1270455,647
91	7,0417731705	-73,8462089574	1025555,219	1270452,078
92	7,0417547287	-73,8462020357	1025555,985	1270450,039
93	7,0417369333	-73,8461854957	1025557,813	1270448,072
94	7,0417132357	-73,8461535829	1025561,340	1270445,453
95	7,0416901841	-73,8461374321	1025563,126	1270442,905
96	7,0416671333	-73,8461212814	1025564,912	1270440,356
97	7,0416463868	-73,8461166677	1025565,423	1270438,062
98	7,0416071993	-73,8460982093	1025567,464	1270433,729
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103	7,0415109091	-73,8461115288	1025565,998	1270423,080
104	7,0414788798	-73,8461134156	1025565,791	1270419,537
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106	7,0414374286	-73,8460342099	1025574,544	1270414,958
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109	7,0414173568	-73,8459085520	1025588,429	1270412,745
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111	7,0414020386	-73,8458374878	1025596,281	1270411,054
112	7,0413859021	-73,8458074928	1025599,596	1270409,272
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116	7,0413227802	-73,8458468888	1025595,247	1270402,289
117	7,0413262656	-73,8458701422	1025592,678	1270402,673
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119	7,0413319188	-73,8459116311	1025588,094	1270403,296
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125	7,0412075726	-73,8460191279	1025576,223	1270389,538
126	7,0411942256	-73,8460280885	1025575,234	1270388,062
127	7,0412020973	-73,8460509372	1025572,709	1270388,931
128	7,0412076615	-73,8460732139	1025570,248	1270389,545
129	7,0412132265	-73,8460954906	1025567,786	1270390,159
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133	7,0412108429	-73,8461782326	1025558,644	1270389,891
134	7,0411949469	-73,8461838028	1025558,030	1270388,133
135	7,0411782546	-73,8461694820	1025559,613	1270386,288
136	7,0411740716	-73,8461643285	1025560,183	1270385,825
137	7,0411730941	-73,8461639276	1025560,227	1270385,717
138	7,0411727975	-73,8461636851	1025560,254	1270385,684
139	7,0411723879	-73,8461633511	1025560,291	1270385,639
140	7,0411716555	-73,8461619899	1025560,441	1270385,558
141	7,0411712431	-73,8461608449	1025560,568	1270385,513
142	7,0411638708	-73,8461497759	1025561,791	1270384,698
143	7,0411517040	-73,8461254204	1025564,483	1270383,354
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146	7,0411079049	-73,8461075604	1025566,458	1270378,511
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148	7,0410989840	-73,8461554603	1025561,166	1270377,522
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150	7,0411014182	-73,8462009244	1025556,143	1270377,788
151	7,0411103404	-73,8462122894	1025554,887	1270378,775
152	7,0411249403	-73,8462269026	1025553,272	1270380,388
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155	7,0411425335	-73,8463051051	1025544,630	1270382,330
156	7,0410519327	-73,8464079960	1025533,267	1270372,304
157	7,0409461867	-73,8464513353	1025528,485	1270360,607
158	7,0408748135	-73,8464761922	1025525,742	1270352,713
159	7,0408498309	-73,8464848924	1025524,782	1270349,949
160	7,0407653002	-73,8465487740	1025517,729	1270340,598
161	7,0407053850	-73,8466088410	1025511,096	1270333,968
162	7,0406858410	-73,8466462937	1025506,959	1270331,805
163	7,0406886470	-73,8466530338	1025506,214	1270332,115
164	7,0406970685	-73,8466762146	1025503,652	1270333,045
165	7,0407075971	-73,8467183632	1025498,995	1270334,207
166	7,0407012810	-73,8467584042	1025494,571	1270333,506
167	7,0406886497	-73,8467921234	1025490,846	1270332,107
168	7,0406591747	-73,8468321648	1025486,424	1270328,845
169	7,0406360154	-73,8468553472	1025483,864	1270326,283
170	7,0406023290	-73,8468743147	1025481,770	1270322,556
171	7,0405623265	-73,8468890675	1025480,142	1270318,132
172	7,0405223241	-73,8469059281	1025478,281	1270313,707
173	7,0404760047	-73,8469164660	1025477,120	1270308,584
174	7,0404444239	-73,8469185736	1025476,889	1270305,091
175	7,0404128420	-73,8469101443	1025477,822	1270301,599

176	7,0403857567	-73,8468938488	1025479,623	1270298,604
177	7,0403605923	-73,8468997776	1025478,970	1270295,821
178	7,0403405731	-73,8469104580	1025477,791	1270293,606
179	7,0403251925	-73,8469199435	1025476,744	1270291,905
180	7,0403131123	-73,8469288498	1025475,760	1270290,568
181	7,0403029219	-73,8469411048	1025474,407	1270289,441
182	7,0402914566	-73,8469520022	1025473,203	1270288,172
183	7,0402769079	-73,8469610171	1025472,208	1270286,563
184	7,0402640589	-73,8469616690	1025472,137	1270285,142
185	7,0402427644	-73,8469581487	1025472,527	1270282,787
186	7,0402338308	-73,8469598956	1025472,334	1270281,799
187	7,0402260728	-73,8469736892	1025470,811	1270280,940
188	7,0402206024	-73,8469814550	1025469,953	1270280,335
189	7,0402070755	-73,8469956017	1025468,391	1270278,838
190	7,0402068045	-73,8470061278	1025467,228	1270278,807
191	7,0402341935	-73,8470160650	1025466,128	1270281,836
192	7,0402513556	-73,8470138744	1025466,370	1270283,734
193	7,0402643403	-73,8470207980	1025465,604	1270285,170
194	7,0402733465	-73,8470289436	1025464,703	1270286,165
195	7,0402860873	-73,8470450810	1025462,920	1270287,573
196	7,0402862673	-73,8470456132	1025462,861	1270287,593
197	7,0402946508	-73,8470703417	1025460,128	1270288,519
198	7,0402849037	-73,8470911678	1025457,828	1270287,440
199	7,0402700566	-73,8471052692	1025456,271	1270285,797
200	7,0402519729	-73,8471430115	1025452,102	1270283,795
201	7,0402379401	-73,8471769071	1025448,357	1270282,242
202	7,0402340167	-73,8472268677	1025442,838	1270281,805
203	7,0402226060	-73,8472608266	1025439,086	1270280,541
204	7,0401636426	-73,8473014569	1025434,600	1270274,018
205	7,0401132506	-73,8473159572	1025433,001	1270268,444
206	7,0400551726	-73,8473223572	1025432,297	1270262,021
207	7,0399693703	-73,8472806074	1025436,915	1270252,534
208	7,0399390960	-73,8472297605	1025442,534	1270249,189
209	7,0399311979	-73,8471942669	1025446,456	1270248,317
210	7,0399178631	-73,8471343381	1025453,078	1270246,846
211	7,0398672162	-73,8470566107	1025461,669	1270241,249
212	7,0398266677	-73,8470280046	1025464,832	1270236,766
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214	7,0397608334	-73,8469958727	1025468,385	1270229,487
215	7,0397559506	-73,8469940989	1025468,582	1270228,947
216	7,0397407868	-73,8469950223	1025468,480	1270227,270
217	7,0396782509	-73,8469953765	1025468,445	1270220,354
218	7,0396592893	-73,8469902722	1025469,010	1270218,258
219	7,0396147477	-73,8470075601	1025467,102	1270213,331

220	7,0395996791	-73,8470193084	1025465,805	1270211,664
221	7,0395959402	-73,8470222228	1025465,483	1270211,250
222	7,0395779102	-73,8470322967	1025464,371	1270209,256
223	7,0395514257	-73,8470381983	1025463,720	1270206,326
224	7,0395262614	-73,8470441362	1025463,066	1270203,543
225	7,0394992613	-73,8470447521	1025462,999	1270200,557
226	7,0394710405	-73,8470413858	1025463,372	1270197,436
227	7,0394559942	-73,8470377024	1025463,780	1270195,772
228	7,0394292472	-73,8470284349	1025464,806	1270192,815
229	7,0394073285	-73,8470107410	1025466,762	1270190,392
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231	7,0393615105	-73,8469495946	1025473,520	1270185,328
232	7,0393426839	-73,8469135275	1025477,506	1270183,248
233	7,0393337495	-73,8468770620	1025481,536	1270182,262
234	7,0393402142	-73,8468561455	1025483,846	1270182,978
235	7,0393337074	-73,8468070160	1025489,275	1270182,261
236	7,0393308451	-73,8467854046	1025491,663	1270181,946
237	7,0393200570	-73,8467442779	1025496,207	1270180,755
238	7,0393040803	-73,8466996143	1025501,143	1270178,990
239	7,0392961601	-73,8466487300	1025506,765	1270178,117
240	7,0392740610	-73,8466074950	1025511,322	1270175,675
241	7,0392431096	-73,8465675055	1025515,742	1270172,255
242	7,0392001611	-73,8465281635	1025520,092	1270167,507
243	7,0391528239	-73,8465136306	1025521,700	1270162,273
244	7,0390976868	-73,8464947002	1025523,794	1270156,176
245	7,0390420108	-73,8464762848	1025525,832	1270150,020
246	7,0390179337	-73,8464524020	1025528,472	1270147,358
247	7,0389885512	-73,8464186440	1025532,204	1270144,111
248	7,0389415117	-73,8464141350	1025532,704	1270138,909
249	7,0388931503	-73,8464098586	1025533,180	1270133,561
250	7,0388359609	-73,8464057751	1025533,634	1270127,236
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254	7,0386458471	-73,8464711022	1025526,426	1270106,208
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256	7,0386142481	-73,8465135275	1025521,741	1270102,711
257	7,0386134199	-73,8465146616	1025521,615	1270102,619
258	7,0385721972	-73,8465952977	1025512,708	1270098,056
259	7,0385541208	-73,8466370584	1025508,095	1270096,054
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261	7,0385248995	-73,8466996298	1025501,184	1270092,819
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263	7,0384824587	-73,8467348183	1025497,298	1270088,124

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266	7,0383892750	-73,8467285552	1025497,995	1270077,819
267	7,0383278051	-73,8467254801	1025498,338	1270071,021
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269	7,0381710577	-73,8467377886	1025496,987	1270053,685
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271	7,0380626072	-73,8467807078	1025492,251	1270041,689
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273	7,0380211100	-73,8467949111	1025490,684	1270037,099
274	7,0380209274	-73,8467949971	1025490,674	1270037,079
275	7,0380084135	-73,8468210364	1025487,798	1270035,694
276	7,0380203230	-73,8468701185	1025482,374	1270037,008
277	7,0380241400	-73,8469268940	1025476,101	1270037,427
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291	7,0375850689	-73,8476389547	1025397,452	1269988,831
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295	7,0374960002	-73,8476786828	1025393,067	1269978,978
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327	7,0372490594	-73,8469124885	1025477,735	1269951,710
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385	7,0383789516	-73,8460299289	1025575,185	1270076,715
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477	7,0405323521	-73,8458158246	1025598,723	1270314,875
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479	7,0405513892	-73,8457563711	1025605,290	1270316,984
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487	7,0405685732	-73,8454386522	1025640,393	1270318,902
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493	7,0411117381	-73,8447141882	1025720,407	1270379,011
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515	7,0432567685	-73,8468977698	1025479,034	1270616,115
516	7,0433309942	-73,8470381023	1025463,525	1270624,316
517	7,0433455708	-73,8470656610	1025460,479	1270625,926
518	7,0433613437	-73,8470954816	1025457,184	1270627,669

Placemark	Longitud_WGS84	Latitud_WGS84	Este_EPSG3116_m	Norte_EPSG3116_m
NODO-MR-001	-73,84714615	7,03725316	1025451,918	1269952,151
NODO-MR-002	-73,84746351	7,03735279	1025416,849	1269963,152
NODO-MR-003	-73,84739712	7,03751028	1025424,175	1269980,572
NODO-MR-004	-73,84737284	7,03754402	1025426,856	1269984,306
NODO-MR-005	-73,84734207	7,03756652	1025430,254	1269986,796
NODO-MR-006	-73,84727083	7,03760670	1025438,124	1269991,242
NODO-MR-007	-73,84716882	7,03765973	1025449,391	1269997,113
NODO-MR-008	-73,84683851	7,03779793	1025485,879	1270012,415
NODO-MR-009	-73,84665230	7,03786381	1025506,449	1270019,711
NODO-MR-010	-73,84662639	7,03787988	1025509,311	1270021,490
NODO-MR-011	-73,84658915	7,03792006	1025513,423	1270025,935
NODO-MR-012	-73,84655677	7,03796505	1025516,999	1270030,913
NODO-MR-013	-73,84628424	7,03853989	1025547,078	1270094,500
NODO-MR-014	-73,84625510	7,03860739	1025550,294	1270101,966
NODO-MR-015	-73,84623160	7,03866146	1025552,887	1270107,948
NODO-MR-016	-73,84622027	7,03869360	1025554,138	1270111,503
NODO-MR-017	-73,84620246	7,03874824	1025556,102	1270117,546
NODO-MR-018	-73,84619598	7,03878199	1025556,816	1270121,278
NODO-MR-019	-73,84619436	7,03881252	1025556,993	1270124,655
NODO-MR-020	-73,84623160	7,03898607	1025552,869	1270143,847
NODO-MR-021	-73,84626884	7,03913162	1025548,747	1270159,941
NODO-MR-022	-73,84628666	7,03916537	1025546,777	1270163,672
NODO-MR-023	-73,84633523	7,03923608	1025541,406	1270171,489
NODO-MR-024	-73,84648743	7,03940159	1025524,581	1270189,786
NODO-MR-025	-73,84662992	7,03953658	1025508,830	1270204,707
NODO-MR-026	-73,84666085	7,03958004	1025505,411	1270209,511
NODO-MR-027	-73,84669323	7,03964110	1025501,829	1270216,262
NODO-MR-028	-73,84669971	7,03967324	1025501,112	1270219,816
NODO-MR-029	-73,84671590	7,04012159	1025499,299	1270269,399
NODO-MR-030	-73,84671266	7,04016839	1025499,654	1270274,575
NODO-MR-031	-73,84670457	7,04020053	1025500,547	1270278,130
NODO-MR-032	-73,84668838	7,04022785	1025502,334	1270281,152
NODO-MR-033	-73,84663332	7,04030016	1025508,413	1270289,152
NODO-MR-034	-73,84641475	7,04054197	1025532,549	1270315,906
NODO-MR-035	-73,84634512	7,04060785	1025540,238	1270323,196
NODO-MR-036	-73,84614596	7,04080390	1025562,232	1270344,889
NODO-MR-037	-73,84610710	7,04083604	1025566,524	1270348,445
NODO-MR-038	-73,84606176	7,04086497	1025571,532	1270351,647
NODO-MR-039	-73,84601319	7,04088747	1025576,897	1270354,137
NODO-MR-040	-73,84576869	7,04095978	1025603,907	1270362,148
NODO-MR-041	-73,84527300	7,04107480	1025658,668	1270374,896
NODO-MR-042	-73,84499936	7,04115515	1025688,897	1270383,797
NODO-MR-043	-73,84517309	7,04127585	1025669,696	1270397,135

NODO-MR-044	-73,84528892	7,04153756	1025656,883	1270426,072
NODO-MR-045	-73,84552972	7,04187098	1025630,260	1270462,933
NODO-MR-046	-73,84591070	7,04245019	1025588,135	1270526,967
NODO-MR-047	-73,84619241	7,04290714	1025556,986	1270577,487