

**Anexo 1**

Coordenadas de delimitación del Páramo Tota-Bijagual-Mamapacha, el 2) polígono con 365.52 ha y 430 coordenadas, la cuales presenta como Dátum geodésico: Magna – Sirgas, origen Bogotá.

POLÍGONO 2		
No	ESTE	NORTE
1	1,106,414.705	1,085,492.131
2	1,106,428.841	1,085,489.516
3	1,106,449.156	1,085,490.230
4	1,106,482.814	1,085,494.918
5	1,106,493.631	1,085,498.192
6	1,106,512.992	1,085,507.047
7	1,106,522.866	1,085,510.707
8	1,106,559.937	1,085,518.368
9	1,106,590.172	1,085,526.534
10	1,106,632.768	1,085,534.215
11	1,106,681.803	1,085,540.416
12	1,106,706.989	1,085,540.423
13	1,106,722.984	1,085,539.071
14	1,106,739.885	1,085,535.414
15	1,106,762.044	1,085,527.495
16	1,106,773.150	1,085,525.679
17	1,106,789.859	1,085,524.222
18	1,106,816.385	1,085,524.845
19	1,106,834.272	1,085,527.214
20	1,106,855.813	1,085,531.241
21	1,106,865.087	1,085,531.213
22	1,106,875.621	1,085,529.089
23	1,106,892.780	1,085,523.798
24	1,106,899.297	1,085,520.079
25	1,106,904.286	1,085,514.604
26	1,106,908.702	1,085,507.118
27	1,106,913.038	1,085,497.510
28	1,106,917.071	1,085,481.065
29	1,106,916.271	1,085,447.544
30	1,106,914.873	1,085,440.538
31	1,106,911.860	1,085,432.443
32	1,106,907.023	1,085,422.674
33	1,106,901.085	1,085,413.005
34	1,106,890.203	1,085,397.491
35	1,106,882.329	1,085,388.889
36	1,106,872.922	1,085,381.644
37	1,106,863.218	1,085,375.266
38	1,106,855.683	1,085,370.313

POLÍGONO 2		
No	ESTE	NORTE
39	1,106,835.071	1,085,361.356
40	1,106,827.703	1,085,357.043
41	1,106,808.388	1,085,342.041
42	1,106,801.170	1,085,334.132
43	1,106,792.483	1,085,314.451
44	1,106,780.285	1,085,290.104
45	1,106,776.147	1,085,278.923
46	1,106,774.693	1,085,270.125
47	1,106,770.825	1,085,229.621
48	1,106,770.757	1,085,222.327
49	1,106,771.814	1,085,216.764
50	1,106,774.707	1,085,210.714
51	1,106,779.715	1,085,204.296
52	1,106,801.904	1,085,184.215
53	1,106,816.934	1,085,172.874
54	1,106,837.812	1,085,159.851
55	1,106,848.178	1,085,154.685
56	1,106,867.906	1,085,148.550
57	1,106,902.365	1,085,134.472
58	1,106,940.206	1,085,117.606
59	1,106,960.000	1,085,110.962
60	1,106,969.358	1,085,105.843
61	1,106,978.382	1,085,099.259
62	1,107,005.478	1,085,070.796
63	1,107,021.671	1,085,056.129
64	1,107,033.969	1,085,039.801
65	1,107,050.823	1,085,019.810
66	1,107,062.254	1,085,002.672
67	1,107,074.492	1,084,980.924
68	1,107,079.857	1,084,970.304
69	1,107,084.495	1,084,961.125
70	1,107,087.545	1,084,949.361
71	1,107,087.049	1,084,945.535
72	1,107,085.130	1,084,941.080
73	1,107,082.464	1,084,937.719
74	1,107,079.480	1,084,935.907
75	1,107,070.262	1,084,934.837
76	1,107,057.625	1,084,938.238

POLÍGONO 2		
No	ESTE	NORTE
77	1,107,045.935	1,084,944.582
78	1,107,004.600	1,084,976.188
79	1,106,974.728	1,084,994.539
80	1,106,938.287	1,085,020.999
81	1,106,929.889	1,085,023.434
82	1,106,921.365	1,085,023.394
83	1,106,912.632	1,085,020.358
84	1,106,906.468	1,085,015.415
85	1,106,903.154	1,085,009.895
86	1,106,900.272	1,085,001.942
87	1,106,898.857	1,084,995.107
88	1,106,898.600	1,084,987.569
89	1,106,899.932	1,084,970.730
90	1,106,905.297	1,084,946.405
91	1,106,909.838	1,084,919.284
92	1,106,910.606	1,084,907.976
93	1,106,909.835	1,084,895.568
94	1,106,908.459	1,084,887.229
95	1,106,906.380	1,084,880.500
96	1,106,887.563	1,084,841.595
97	1,106,885.435	1,084,833.617
98	1,106,885.199	1,084,826.401
99	1,106,886.668	1,084,818.588
100	1,106,889.847	1,084,808.874
101	1,106,897.918	1,084,792.807
102	1,106,905.380	1,084,782.197
103	1,106,915.571	1,084,769.665
104	1,106,931.213	1,084,753.546
105	1,106,941.860	1,084,745.889
106	1,106,961.450	1,084,736.871
107	1,106,983.460	1,084,723.574
108	1,106,991.791	1,084,719.426
109	1,107,004.341	1,084,715.750
110	1,107,030.859	1,084,711.174
111	1,107,045.965	1,084,707.471
112	1,107,060.557	1,084,702.282
113	1,107,070.817	1,084,696.204
114	1,107,080.016	1,084,687.314



POLÍGONO 2		
No	ESTE	NORTE
115	1,107,084.846	1,084,679.984
116	1,107,086.024	1,084,674.001
117	1,107,084.694	1,084,660.488
118	1,107,086.052	1,084,654.059
119	1,107,095.278	1,084,634.936
120	1,107,104.994	1,084,619.490
121	1,107,111.995	1,084,610.223
122	1,107,118.074	1,084,604.000
123	1,107,140.989	1,084,585.853
124	1,107,152.473	1,084,578.018
125	1,107,168.720	1,084,569.893
126	1,107,196.723	1,084,560.820
127	1,107,222.380	1,084,554.964
128	1,107,243.459	1,084,549.040
129	1,107,279.223	1,084,544.755
130	1,107,284.471	1,084,542.730
131	1,107,290.333	1,084,538.850
132	1,107,296.150	1,084,532.961
133	1,107,299.065	1,084,527.166
134	1,107,300.307	1,084,504.543
135	1,107,303.616	1,084,488.688
136	1,107,320.765	1,084,457.828
137	1,107,347.102	1,084,421.043
138	1,107,358.543	1,084,411.100
139	1,107,370.305	1,084,404.566
140	1,107,457.053	1,084,370.812
141	1,107,515.264	1,084,353.512
142	1,107,536.335	1,084,343.773
143	1,107,564.598	1,084,332.103
144	1,107,589.604	1,084,323.004
145	1,107,608.623	1,084,311.311
146	1,107,630.596	1,084,304.803
147	1,107,668.394	1,084,289.466
148	1,107,704.594	1,084,277.994
149	1,107,729.571	1,084,273.114
150	1,107,749.516	1,084,268.257
151	1,107,771.010	1,084,265.053
152	1,107,803.346	1,084,255.513
153	1,107,827.203	1,084,247.110
154	1,107,851.607	1,084,234.871
155	1,107,885.276	1,084,222.284
156	1,107,902.765	1,084,217.286

POLÍGONO 2		
No	ESTE	NORTE
157	1,107,915.719	1,084,215.067
158	1,107,932.972	1,084,213.577
159	1,107,941.246	1,084,213.502
160	1,107,947.522	1,084,214.726
161	1,107,954.934	1,084,218.098
162	1,107,966.844	1,084,225.717
163	1,107,984.080	1,084,243.107
164	1,107,991.013	1,084,248.330
165	1,108,004.001	1,084,253.094
166	1,108,018.092	1,084,254.957
167	1,108,028.970	1,084,254.291
168	1,108,037.560	1,084,251.148
169	1,108,047.239	1,084,244.184
170	1,108,060.954	1,084,230.656
171	1,108,067.396	1,084,227.270
172	1,108,073.579	1,084,227.044
173	1,108,081.302	1,084,228.494
174	1,108,086.085	1,084,230.821
175	1,108,097.917	1,084,238.620
176	1,108,108.856	1,084,244.039
177	1,108,118.448	1,084,247.017
178	1,108,128.060	1,084,247.957
179	1,108,140.212	1,084,246.195
180	1,108,149.504	1,084,243.450
181	1,108,153.905	1,084,241.314
182	1,108,157.682	1,084,237.799
183	1,108,160.709	1,084,233.132
184	1,108,161.880	1,084,229.425
185	1,108,161.669	1,084,225.410
186	1,108,158.371	1,084,216.693
187	1,108,150.349	1,084,201.801
188	1,108,142.638	1,084,191.098
189	1,108,129.447	1,084,175.061
190	1,108,124.144	1,084,170.406
191	1,108,108.354	1,084,159.571
192	1,108,079.805	1,084,135.388
193	1,108,062.543	1,084,123.516
194	1,108,043.927	1,084,103.349
195	1,108,011.023	1,084,073.224
196	1,107,970.758	1,084,029.150
197	1,107,952.796	1,084,008.114
198	1,107,941.425	1,083,997.300

POLÍGONO 2		
No	ESTE	NORTE
199	1,107,914.931	1,083,974.789
200	1,107,897.678	1,083,958.007
201	1,107,865.197	1,083,917.939
202	1,107,857.164	1,083,909.615
203	1,107,843.801	1,083,898.489
204	1,107,836.602	1,083,891.028
205	1,107,830.713	1,083,883.381
206	1,107,826.745	1,083,876.172
207	1,107,818.321	1,083,850.417
208	1,107,815.450	1,083,837.096
209	1,107,790.622	1,083,820.130
210	1,107,703.308	1,083,760.462
211	1,107,616.476	1,083,717.291
212	1,107,471.711	1,083,673.606
213	1,107,326.980	1,083,608.404
214	1,107,225.771	1,083,564.789
215	1,107,138.916	1,083,535.962
216	1,107,073.862	1,083,492.404
217	1,106,994.196	1,083,463.589
218	1,106,842.027	1,083,557.013
219	1,106,769.614	1,083,621.873
220	1,106,668.291	1,083,650.825
221	1,106,566.802	1,083,650.666
222	1,106,516.433	1,083,604.545
223	1,106,487.416	1,083,577.975
224	1,106,436.807	1,083,491.405
225	1,106,378.918	1,083,462.625
226	1,106,284.796	1,083,483.995
227	1,106,168.885	1,083,512.504
228	1,106,096.438	1,083,599.303
229	1,105,922.470	1,083,707.462
230	1,105,889.519	1,083,738.082
231	1,105,837.213	1,083,781.374
232	1,105,821.276	1,083,793.282
233	1,105,808.103	1,083,801.097
234	1,105,780.040	1,083,811.310
235	1,105,748.888	1,083,820.574
236	1,105,724.245	1,083,826.648
237	1,105,689.965	1,083,832.747
238	1,105,659.690	1,083,841.127
239	1,105,619.392	1,083,855.731
240	1,105,605.158	1,083,862.433



POLÍGONO 2		
No	ESTE	NORTE
241	1,105,590.890	1,083,870.343
242	1,105,569.671	1,083,884.752
243	1,105,537.812	1,083,909.076
244	1,105,518.369	1,083,925.264
245	1,105,483.846	1,083,956.769
246	1,105,465.760	1,083,971.221
247	1,105,455.183	1,083,976.045
248	1,105,444.355	1,083,979.571
249	1,105,406.188	1,083,987.544
250	1,105,397.074	1,083,991.210
251	1,105,388.998	1,083,996.173
252	1,105,377.268	1,084,008.565
253	1,105,362.920	1,084,027.564
254	1,105,342.028	1,084,062.070
255	1,105,333.251	1,084,074.225
256	1,105,321.252	1,084,086.697
257	1,105,316.174	1,084,089.617
258	1,105,308.702	1,084,091.746
259	1,105,298.796	1,084,093.318
260	1,105,288.766	1,084,093.502
261	1,105,282.380	1,084,092.778
262	1,105,273.469	1,084,090.220
263	1,105,207.483	1,084,064.153
264	1,105,190.507	1,084,056.336
265	1,105,175.994	1,084,048.445
266	1,105,155.775	1,084,034.752
267	1,105,141.290	1,084,020.974
268	1,105,129.735	1,084,007.892
269	1,105,104.895	1,083,975.553
270	1,105,088.851	1,083,956.547
271	1,105,077.671	1,083,945.130
272	1,105,063.294	1,083,932.759
273	1,105,049.499	1,083,922.963
274	1,105,036.701	1,083,916.554
275	1,105,018.723	1,083,911.288
276	1,105,000.508	1,083,908.280
277	1,105,000.000	1,083,908.196
278	1,104,996.569	1,083,907.815
279	1,104,990.546	1,083,904.848
280	1,104,985.872	1,083,900.926
281	1,104,981.728	1,083,895.911
282	1,104,972.795	1,083,880.608

POLÍGONO 2		
No	ESTE	NORTE
283	1,104,962.351	1,083,860.087
284	1,104,953.408	1,083,845.285
285	1,104,913.092	1,083,783.096
286	1,104,906.489	1,083,774.228
287	1,104,899.498	1,083,766.789
288	1,104,890.239	1,083,759.121
289	1,104,878.704	1,083,751.160
290	1,104,870.650	1,083,746.608
291	1,104,862.934	1,083,743.840
292	1,104,854.175	1,083,742.576
293	1,104,845.403	1,083,743.209
294	1,104,837.675	1,083,745.570
295	1,104,831.956	1,083,749.584
296	1,104,828.701	1,083,754.637
297	1,104,827.487	1,083,760.657
298	1,104,828.184	1,083,767.230
299	1,104,831.240	1,083,778.014
300	1,104,872.613	1,083,901.117
301	1,104,893.487	1,083,946.939
302	1,104,907.821	1,083,982.579
303	1,104,913.065	1,083,993.700
304	1,104,922.159	1,084,005.684
305	1,104,927.763	1,084,010.597
306	1,104,934.028	1,084,014.740
307	1,105,000.000	1,084,043.181
308	1,105,000.510	1,084,043.482
309	1,105,013.537	1,084,051.165
310	1,105,017.810	1,084,053.466
311	1,105,040.299	1,084,053.466
312	1,105,066.758	1,084,053.466
313	1,105,076.018	1,084,056.112
314	1,105,090.570	1,084,068.018
315	1,105,091.893	1,084,081.247
316	1,105,085.279	1,084,093.153
317	1,105,068.081	1,084,097.122
318	1,105,058.820	1,084,112.997
319	1,105,065.435	1,084,123.581
320	1,105,076.018	1,084,138.133
321	1,105,093.216	1,084,147.393
322	1,105,114.383	1,084,157.976
323	1,105,142.164	1,084,171.206
324	1,105,152.747	1,084,176.497

POLÍGONO 2		
No	ESTE	NORTE
325	1,105,168.622	1,084,184.435
326	1,105,185.285	1,084,192.766
327	1,105,193.986	1,084,204.495
328	1,105,204.071	1,084,219.878
329	1,105,207.484	1,084,225.084
330	1,105,218.187	1,084,242.413
331	1,105,226.100	1,084,257.596
332	1,105,226.908	1,084,259.870
333	1,105,228.835	1,084,269.507
334	1,105,228.835	1,084,290.145
335	1,105,230.423	1,084,323.483
336	1,105,235.185	1,084,345.708
337	1,105,241.535	1,084,371.108
338	1,105,249.473	1,084,393.333
339	1,105,265.348	1,084,409.208
340	1,105,282.054	1,084,422.059
341	1,105,284.398	1,084,431.433
342	1,105,281.223	1,084,444.133
343	1,105,270.110	1,084,460.008
344	1,105,257.410	1,084,466.358
345	1,105,235.185	1,084,475.883
346	1,105,219.310	1,084,490.170
347	1,105,208.198	1,084,512.395
348	1,105,198.673	1,084,539.383
349	1,105,185.973	1,084,563.195
350	1,105,170.097	1,084,590.183
351	1,105,159.740	1,084,603.992
352	1,105,149.590	1,084,614.626
353	1,105,144.813	1,084,620.407
354	1,105,141.294	1,084,624.666
355	1,105,133.377	1,084,637.073
356	1,105,127.902	1,084,649.075
357	1,105,124.884	1,084,658.904
358	1,105,123.251	1,084,669.190
359	1,105,122.677	1,084,679.725
360	1,105,123.090	1,084,703.290
361	1,105,122.281	1,084,716.099
362	1,105,119.860	1,084,734.013
363	1,105,115.779	1,084,752.663
364	1,105,109.240	1,084,774.135
365	1,105,100.971	1,084,793.613
366	1,105,091.261	1,084,811.329



POLÍGONO 2		
No	ESTE	NORTE
367	1,105,079.046	1,084,828.427
368	1,105,071.183	1,084,841.537
369	1,105,063.316	1,084,857.362
370	1,105,056.835	1,084,873.745
371	1,105,047.262	1,084,908.783
372	1,105,044.829	1,084,922.267
373	1,105,045.141	1,084,939.127
374	1,105,046.869	1,084,946.959
375	1,105,049.436	1,084,952.709
376	1,105,051.556	1,084,953.390
377	1,105,055.199	1,084,952.306
378	1,105,065.990	1,084,945.464
379	1,105,073.953	1,084,937.346
380	1,105,089.173	1,084,916.651
381	1,105,096.647	1,084,908.336
382	1,105,110.163	1,084,896.842
383	1,105,115.691	1,084,893.960
384	1,105,123.243	1,084,891.950
385	1,105,130.019	1,084,890.975
386	1,105,135.516	1,084,891.360
387	1,105,140.173	1,084,892.787
388	1,105,146.001	1,084,896.304

POLÍGONO 2		
No	ESTE	NORTE
389	1,105,151.225	1,084,900.511
390	1,105,156.429	1,084,906.141
391	1,105,166.068	1,084,921.055
392	1,105,170.457	1,084,925.178
393	1,105,174.871	1,084,927.780
394	1,105,180.502	1,084,928.722
395	1,105,186.336	1,084,927.928
396	1,105,192.167	1,084,924.891
397	1,105,197.354	1,084,920.869
398	1,105,200.216	1,084,917.166
399	1,105,200.950	1,084,912.517
400	1,105,198.408	1,084,897.725
401	1,105,198.426	1,084,890.283
402	1,105,204.963	1,084,874.435
403	1,105,210.295	1,084,855.062
404	1,105,214.817	1,084,808.811
405	1,105,220.100	1,084,790.749
406	1,105,227.739	1,084,774.115
407	1,105,235.765	1,084,763.718
408	1,105,254.764	1,084,797.044
409	1,105,377.660	1,084,898.069
410	1,105,449.835	1,084,985.093

POLÍGONO 2		
No	ESTE	NORTE
411	1,105,637.806	1,085,115.332
412	1,105,695.569	1,085,223.851
413	1,105,777.545	1,085,290.817
414	1,105,789.747	1,085,300.784
415	1,105,832.821	1,085,336.265
416	1,105,833.879	1,085,337.136
417	1,105,854.784	1,085,354.045
418	1,105,992.021	1,085,477.033
419	1,106,187.481	1,085,549.484
420	1,106,230.366	1,085,578.200
421	1,106,240.505	1,085,574.597
422	1,106,247.980	1,085,572.855
423	1,106,284.069	1,085,571.643
424	1,106,300.173	1,085,569.233
425	1,106,313.223	1,085,564.374
426	1,106,340.932	1,085,548.594
427	1,106,370.455	1,085,521.396
428	1,106,387.868	1,085,509.342
429	1,106,402.704	1,085,497.260
430	1,106,414.705	1,085,492.131
Total		365.52 has

