

2025



INFORME DE ACTIVIDADES DE TOPOGRAFÍA.

PROYECTO CHIA

Generalidades.

El objetivo del Estudio Topográfico es proporcionar información básica y necesaria basada en informes recopilados y evaluados según datos topográficos tomados encampo y procesados mediante softwares. El objetivo de un levantamiento topográfico es la determinación, tanto en planimetría como en altimetría, de puntos del terreno requerido para la representación gráfica de un determinado sector del terreno:

- Elaborar planos topográficos a escalas adecuadas.
- Proporción de información de base para los estudios de obras de ingeniería.
- Elaborar planos de los elementos representados en campo.

Objetivo general.

Realizar todas las actividades de verificación y control mediante la toma de medidas, siguiendo las especificaciones de cada proyecto.

Personal

En la ejecución de las actividades se contó con la participación de una comisión integrada por:

01topografo.

01cadenero.

Equipos utilizados:



CHC i5 GNSS

Equipos de Campo

Descripción	Tipo y Modelo	Identificación Serial
GPS DOBLE FRECUENCIA	CHC i5 GNSS	
Equipo Complementario de Campo, trípodes, bípode, radios de comunicación, bastones con ojo de pollo, etc.		

Ubicación proyecto:



Metodología

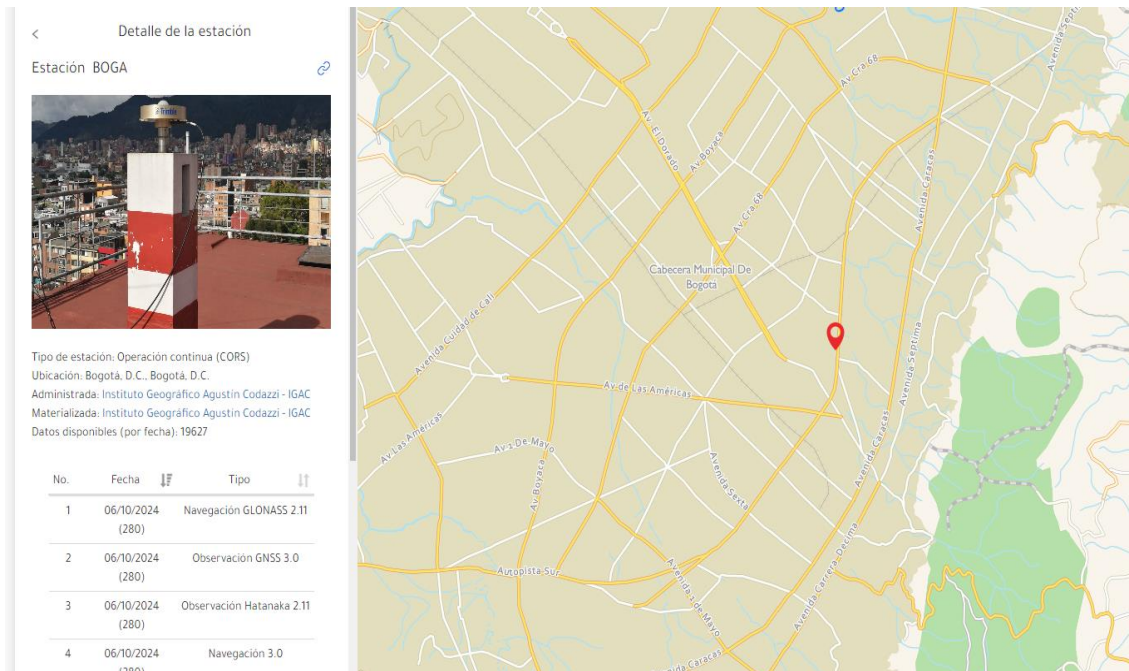
- Visita y reconocimiento del proyecto.
- Verificación de datos de la zona intervenida.
- Cálculo de cartera.
- Levantamiento topográfico.
- Actualización de planos.

AMARRE GEODESICO

Modalidad Estático.

Posicionamiento GPS amarrado a punto geodésico perteneciente al IGAC (Instituto Geográfico Agustín Codazzi), cuyas coordenadas son reales y aptas para realizarel ajuste de los puntos nuevos a georreferenciar.

Para este caso específico se utilizó antena activa boga ubicado en zona urbana del Municipio de Bogotá DC, con altura elipsoidal certificada.



En sector rural cercano al sitio de estudios se instalaron dos mojones con placas de aluminios identificadas como GPS1 y GPS2 los cuales se posicionaron GPS DOBLE FRECUENCIA CHC X91 que recepcionarán información satelital durante un periodo de dos horas generando datos crudos que son subidos al software Topcon Tools y son amarrados al punto de control certificado por el IGAC.

RESULTADOS.

Coordenadas reales Gauss kruger origen BOGOTA CENTRAL (IGAC) cotas ORTOMETRICAS.



Project Summary

Project name: **Amarre Chia Septiembre_2024.ttp**
Surveyor:
Comment:
Linear unit: **Meters**
Projection: **MAGNA IGAC Bogota**
Geoid:

Points

Name	Grid Northing (m)	Grid Easting (m)	Elevation (m)	Code
BOGA	1004697.847	999729.074	2609.688	
GPS1	1029269.235	999709.172	2591.556	
GPS2	1029225.219	999755.821	2584.738	

Coordenadas reales Gauss kruger origen UNICO NACIONAL (IGAC) cotas ORTOMETRICAS.



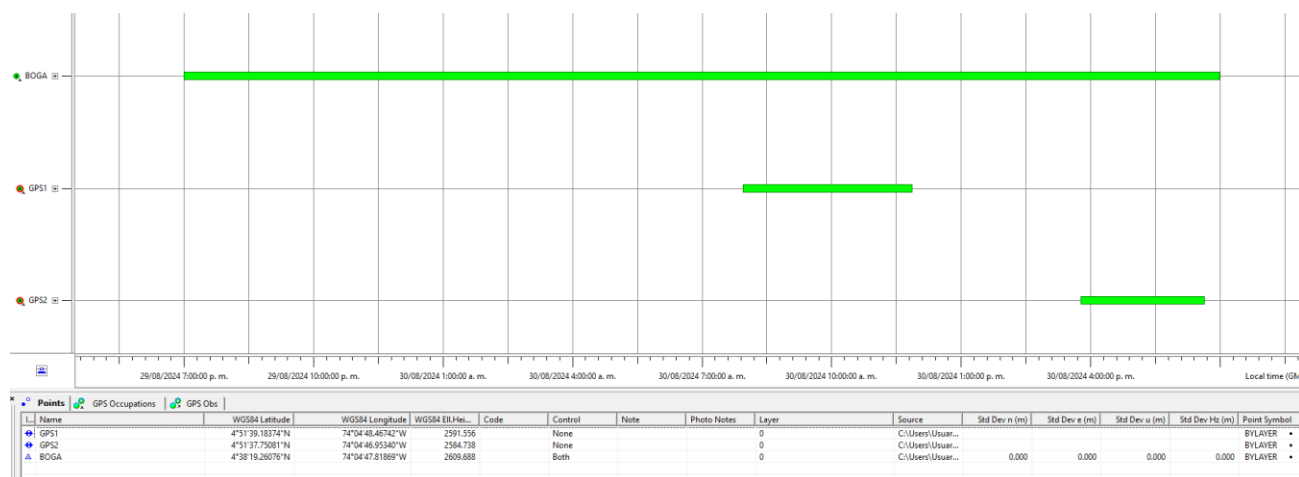
Project Summary

Project name: **Amarre Chia Septiembre_2024.ttp**
Surveyor:
Comment:
Linear unit: **Meters**
Projection: **Magna Nacional_CTM12**
Geoid:

Points

Name	Grid Northing (m)	Grid Easting (m)	Elevation (m)	Code
BOGA	2070660.769	4880260.530	2609.688	
GPS1	2095216.863	4880278.884	2591.556	
GPS2	2095172.800	4880325.434	2584.738	

Traslapos de posicionamiento.



Precisiones Obtenidas.



Project Summary

Project name: Amarre Chia Septiembre_2024.ttp

Created by:

Comment:

Linear unit: Meters

GPS Obs Quality

Name	dN (m)	dE (m)	dHt (m)	Horz RMS (m)	Vert RMS (m)
BOGA-GPS1	24556.094	18.355	7.268	0.030	0.037
BOGA-GPS2	24512.031	64.904	0.450	0.016	0.010

UBICACIÓN EN CAMPO



LEVANTAMIENTO TOPOGRÁFICO

Se realiza mediciones topográficas a través de levantamientos y bajo un sistema de coordenadas definido que permitan la estructuración altiplanimétrica y representativa de la zona a intervenir.

El equipo utilizado en campo fueron los GNSS compuestos por una base y un rover. Se inicia instalando el equipo base sobre un mojón o auxiliar con coordenadas de referencias establecidos en el proyecto. Posteriormente se enlaza o se conecta el rover con el cual se realiza las mediciones topográficas. En dicho levantamiento se tiene como referencias puntos destacados como hombros y patas de taludes, cuneta, vías, árboles, terreno natural, entre otros elementos.

Posteriormente en oficina se realiza el procesamiento de datos recolectados y se obtiene una nube de puntos extensa que servirán como referencias para la construcción de un plano tridimensional.

Registro fotográfico:

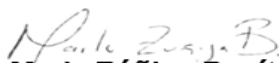




CONCLUSIONES Y RECOMENDACIONES

- El levantamiento topográfico para mejoramiento de vías secundarias y terciarias, en el Municipio de Chía se desarrolló cumpliendo los requisitos básicos establecidos en los términos de referencia de este proyecto en particular, siendo amarrado al sistema de coordenadas de la red topográfica de apoyo de GPS.
- Para el proceso de construcción quedan materializados puntos localizados a todo lo largo del corredor garantizándose el buen desarrollo del proyecto.
- En el levantamiento topográfico que se ejecutó dentro del proyecto de estudio se utilizó un equipo GNSS. Este Equipo fue revisado y calibrado con anterioridad para garantizar su funcionalidad exactitud.
- Se ha procesado la información planimétrica y altimétrica arrojando pendientes longitudinales que oscilan entre 2% y 24%, información necesaria para la fase de diseño geométrico.
- Los productos cartográficos generados son consistentes y reflejan fielmente las condiciones actuales del emplazamiento, sirviendo como base fiable para la ingeniería de detalle.

Elaborado por:


Marla Zúñiga Benítez

Topógrafa

TP 01-15700

NUMERO	NORTE	ESTE	COTA	CODIGO
100	1029265.91	999694.827	2618.413	PLACA_E
101	1029271.16	999695.804	2618.271	PLACA_E
102	1029273.81	999684.273	2619.01	PLACA_E
103	1029268.08	999683.111	2619.245	PLACA_E
104	1029266.04	999682.928	2619.157	PLACA_E
105	1029268.84	999680.83	2619.276	PLACA_E
106	1029270.79	999676.989	2619.335	PLACA_E
107	1029271.47	999677.2	2619.357	PLACA_E
108	1029276.24	999670.152	2619.559	PLACA_E
109	1029280.18	999665.809	2619.639	PLACA_E
110	1029283.9	999669.187	2619.523	PLACA_E
111	1029279.02	999675.45	2619.421	PLACA_E
112	1029275.99	999680.894	2619.169	PLACA_E
113	1029267.39	999682.97	2619.233	O_TRAMO_3 CHIA
114	1029268.03	999683.081	2619.203	BV
115	1029265.88	999682.624	2619.139	BV
116	1029265.28	999682.615	2619.268	LIN
117	1029266.27	999677.021	2619.093	LIN
118	1029266.94	999676.869	2618.859	BV
119	1029268.46	999677.025	2618.99	EJE
120	1029270.48	999677.102	2619.187	BV
121	1029274.72	999668.586	2618.117	TN
122	1029273.98	999667.974	2618.128	TN
123	1029273.56	999667.657	2617.781	BV
124	1029272.47	999667.11	2617.773	EJE
125	1029271.12	999666.398	2617.622	BV
126	1029270.33	999665.908	2617.601	LIN
127	1029270.66	999666.064	2617.497	TN
128	1029275.91	999659.478	2617.038	E_POSIBLE_OBRA
129	1029276.37	999663.725	2617.547	TN
130	1029275.94	999663.562	2617.433	TN
131	1029275.64	999663.394	2617.303	BV
132	1029274.28	999663.028	2617.288	EJE
133	1029272.87	999662.347	2617.196	BV
134	1029272.44	999662.083	2617.138	TN
135	1029271.84	999661.646	2617.388	LIN
136	1029276.86	999661	2617.113	BV
137	1029275.09	999658.015	2616.917	BV
138	1029274.17	999657.86	2616.78	LIN
139	1029277.58	999661.288	2617.092	TN
140	1029279.63	999658.66	2617.58	TN
141	1029278.77	999658.044	2617.185	BV
142	1029277.57	999657.256	2617.114	EJE
143	1029275.83	999656.146	2616.976	BV
144	1029275.27	999655.582	2617.278	LIN

145	1029280.9	999643.84	2616.787	LIN
146	1029281.69	999644.064	2617.033	TN
147	1029283.25	999638.113	2616.782	LIN
148	1029284.17	999638.731	2616.733	TN
149	1029284.79	999639.275	2616.526	BV
150	1029286.53	999640.295	2616.639	EJE
151	1029288.57	999641.639	2616.703	BV
152	1029290.02	999642.054	2616.645	TN
153	1029292.74	999635.061	2616.615	TN
154	1029292.28	999634.512	2616.565	TN
155	1029291.15	999634.494	2616.625	BV
156	1029288.98	999634.262	2616.524	EJE
157	1029286.39	999634.136	2616.234	BV
158	1029285.72	999634.171	2616.475	TN
159	1029285.04	999634.458	2616.438	TN
160	1029283.23	999630.567	2615.993	TN
161	1029283.63	999630.057	2616.055	TN
162	1029284.09	999629.775	2615.897	BV
163	1029285.4	999628.209	2616.174	EJE
164	1029286.48	999626.343	2616.329	BV
165	1029286.86	999626.153	2616.385	ACCESO
166	1029289.4	999627.53	2616.436	ACCESO
167	1029290.27	999623.899	2616.732	ACCESO
168	1029287.24	999624.062	2616.697	ACCESO
169	1029287.24	999624.062	2616.703	LIN
170	1029278.68	999624.442	2616.056	LIN
171	1029278.31	999624.441	2615.948	ACCESO
172	1029275.23	999625.077	2615.877	ACCESO
173	1029274.99	999622.596	2616.196	ACCESO
174	1029277.57	999622.56	2616.26	ACCESO
175	1029273.58	999625.3	2615.757	LIN
176	1029273.79	999626.088	2615.569	BV
177	1029274.18	999627.384	2615.451	EJE
178	1029274.64	999628.913	2615.345	BV
179	1029274.76	999629.601	2615.275	TN
180	1029274.87	999629.876	2615.517	TN
181	1029274.98	999630.214	2615.516	LIN
182	1029260.86	999632.89	2614.383	LIN
183	1029260.84	999632.665	2614.391	TN
184	1029260.97	999632.303	2614.245	TN
185	1029260.89	999631.793	2614.31	BV
186	1029260.82	999630.5	2614.379	EJE
187	1029260.45	999628.904	2614.458	BV
188	1029260.13	999628.532	2614.934	LIN
189	1029248.25	999629.128	2614.28	LIN
190	1029248.22	999629.627	2614.112	POSTE
191	1029248.23	999630.161	2613.632	BV

192	1029248.37	999631.763	2613.55	EJE
193	1029248.21	999633.434	2613.461	BV
194	1029248.2	999633.919	2613.444	TN
195	1029248.21	999634.33	2613.803	LIN
196	1029230.22	999635.334	2612.765	LIN
197	1029229.92	999634.886	2612.41	TN
198	1029229.81	999633.828	2612.542	BV
199	1029230.03	999632.086	2612.675	EJE
200	1029230.32	999629.868	2612.813	BV
201	1029230.53	999628.94	2613.068	LIN
202	1029228.51	999634.648	2612.417	ACCESO
203	1029226.83	999636.801	2611.983	ACCESO
204	1029222.93	999636.111	2612.115	ACCESO
205	1029223.48	999632.066	2612.556	ACCESO
206	1029223.45	999631.99	2612.572	BV
207	1029224.32	999630.487	2612.671	EJE
208	1029225.08	999628.823	2612.735	BV
209	1029225.51	999628.038	2612.781	LIN
210	1029224.23	999626.636	2613.065	POSTE
211	1029222.22	999632.277	2612.632	OBRA
212	1029221.08	999632.805	2612.721	OBRA
213	1029222.9	999633.462	2612.553	OBRA
214	1029221.92	999633.957	2612.596	OBRA
215	1029228.16	999640.485	2610.761	TUBO
216	1029218.62	999629.998	2612.739	LIN
217	1029219.05	999629.609	2612.713	TN
218	1029219.77	999629.103	2612.793	BV
219	1029221.29	999627.558	2612.812	EJE
220	1029222.66	999626.474	2612.905	BV
221	1029223.15	999624.958	2612.925	ACCESO
222	1029222.88	999623.749	2612.979	ACCESO
223	1029222.86	999623.834	2612.961	PARAMENT
224	1029220.08	999617.47	2613.443	PARAMENT
225	1029220.08	999617.531	2613.443	ACCESO
226	1029218.4	999612.302	2613.416	ACCESO
227	1029218.42	999612.358	2613.525	PARAMENT
228	1029218.27	999612.605	2613.47	CONTADOR
229	1029217.83	999612.789	2613.436	BV
230	1029216.09	999613.23	2613.366	EJE
231	1029214.35	999613.528	2613.258	BV
232	1029213.93	999613.682	2613.132	CUNETAS
233	1029216.3	999621.97	2612.907	CUNETAS
234	1029219.99	999631.017	2612.613	CUNETAS
235	1029219.87	999631.022	2612.616	CUNETAS
236	1029213.88	999616.052	2613.414	LIN
237	1029216.93	999608.459	2614.063	PARAMENT
238	1029216.93	999608.459	2614.063	ACCESO

239	1029217.6	999609.971	2613.803	ACCESO
240	1029216.57	999608.304	2614.326	CONTADOR
241	1029215.32	999604.37	2614.665	ACCESO
242	1029215.4	999604.301	2614.442	PARAMENT
243	1029214.19	999600.803	2614.825	PARAMENT
244	1029214.19	999600.817	2614.87	ACCESO
245	1029213.61	999600.771	2614.363	BV
246	1029212.05	999601.182	2614.265	EJE
247	1029211	999601.463	2614.087	BV
248	1029210.63	999601.733	2614.117	BV
249	1029209.85	999601.752	2613.96	CUNETAS
250	1029209.03	999601.657	2614.358	LIN
251	1029213.72	999599.175	2614.584	CUNETAS
252	1029213.45	999599.179	2614.345	CUNETAS
253	1029213.22	999599.218	2614.503	TN
254	1029211	999593.137	2615.165	TN
255	1029211.6	999592.912	2614.95	CUNETAS
256	1029211.83	999592.792	2614.986	CUNETAS
257	1029211.72	999592.873	2614.937	TUBO
258	1029211.98	999592.55	2615.44	PARAMENT
259	1029212.12	999592.479	2615.522	ACCESO
260	1029212.65	999587.967	2615.744	ACCESO
261	1029212.6	999587.871	2615.68	M_CONTADOR
262	1029212.92	999585.81	2616.037	M_CONTADOR
263	1029212.44	999585.232	2615.322	TUBO
264	1029212.78	999585.207	2615.339	CUNETAS
265	1029212.23	999585.23	2615.35	CUNETAS
266	1029212.78	999585.457	2615.77	LIN
267	1029210.07	999587.241	2615.927	BV
268	1029207.98	999587.551	2615.912	EJE
269	1029206.49	999587.796	2615.861	BV
270	1029205.57	999588.066	2615.808	CUNETAS
271	1029203.54	999587.455	2616.526	LIN
272	1029203.56	999587.676	2616.52	POSTE
273	1029205.26	999583.949	2616.506	EJE
274	1029206.67	999581.597	2616.646	BV
275	1029206.8	999580.247	2616.91	LIN
276	1029204.96	999581.712	2616.832	LIN
277	1029200.82	999582.299	2617.232	ARB
278	1029201.29	999582.803	2616.788	BV
279	1029201.7	999584.96	2616.637	EJE
280	1029202.01	999586.254	2616.658	BV
281	1029202.04	999587.439	2616.771	LIN
282	1029204.57	999586.613	2616.284	BV
283	1029199.66	999583.908	2617.059	TN
284	1029199.04	999584.447	2617.117	TN
285	1029198.85	999584.248	2617.374	ESCALAS

286	1029199.59	999583.816	2617.392	ESCALAS
287	1029189.46	999594.37	2617.468	LIN
288	1029188.98	999593.344	2617.359	BV
289	1029188.24	999592.472	2617.249	EJE
290	1029187.59	999591.181	2617.48	BV
291	1029187.99	999590.322	2617.826	TN
292	1029193.55	999587.195	2617.52	TN
293	1029181.16	999593.59	2618.249	TN
294	1029181.51	999594.143	2617.715	BV
295	1029181.93	999595.306	2617.706	EJE
296	1029182.23	999596.644	2617.761	BV
297	1029182.89	999597.886	2617.732	TN
298	1029174.5	999601.802	2617.229	TN
299	1029174.48	999601.06	2617.759	TN
300	1029174.28	999600.356	2617.846	BV
301	1029173.79	999598.78	2617.793	EJE
302	1029173.56	999597.091	2617.878	BV
303	1029173.3	999596.474	2618.379	TN
304	1029171.52	999601.653	2617.868	CONTADOR
305	1029170.45	999603.261	2617.281	TN
306	1029170.37	999602.312	2617.677	TN
307	1029170.31	999601.449	2617.714	BV
308	1029169.84	999599.877	2617.856	_TRAMO_3_CHIA
309	1029169.55	999598.587	2617.871	BV
310	1029169.13	999598.289	2618.073	TN
311	1029169.06	999597.817	2618.259	TN
312	1029168.82	999601.418	2617.808	POSTE
313	1029169.02	999600.584	2617.859	ACCESO
314	1029166.96	999600.896	2617.915	ACCESO
315	1029167.04	999599.029	2618.036	ACCESO
316	1029168.9	999598.854	2617.934	ACCESO
317	1029206.85	999582.665	2616.554	BV
318	1029208.41	999583.177	2616.543	EJE
319	1029210.35	999583.788	2616.635	BV
320	1029210.39	999583.738	2616.961	TN
321	1029211.05	999583.912	2616.812	TN
322	1029211.01	999583.901	2616.818	TN
323	1029216.08	999578.555	2617.56	TN
324	1029217.17	999578.422	2616.641	CUNETAS
325	1029217.31	999578.643	2616.619	CUNETAS
326	1029217.69	999578.85	2617.637	LIN
327	1029217.97	999579.13	2618.114	M_CONTADOR
328	1029218.47	999578.789	2618.177	M_CONTADOR
329	1029218.49	999578.423	2617.99	ACCESO
330	1029219.62	999579.113	2618.015	ACCESO
331	1029223.87	999577.058	2618.33	ACCESO
332	1029223.34	999575.966	2618.544	ACCESO

333	1029223.9	999575.787	2618.693	LIN
334	1029217.63	999578.295	2617.845	TN
335	1029217.5	999577.269	2617.922	BV
336	1029216.91	999575.98	2617.833	EJE
337	1029216.41	999574.384	2617.764	BV
338	1029216.24	999574.106	2617.596	CUNETA
339	1029211.77	999577.23	2617.164	CUNETA
340	1029208.51	999579.829	2616.615	CUNETA
341	1029206.15	999583.166	2616.337	CUNETA
342	1029209.74	999578.211	2617.208	TN
343	1029213.74	999575.369	2617.671	ACCESO
344	1029214.77	999574.873	2617.629	ACCESO
345	1029216.11	999573.565	2618.227	TN
346	1029222.37	999570.892	2618.904	ACCESO
347	1029223.56	999570.474	2618.949	ACCESO
348	1029223.65	999570.917	2618.796	CUNETA
349	1029223.79	999571.255	2618.886	BV
350	1029224.47	999572.75	2618.86	EJE
351	1029225.28	999574.63	2618.9	BV
352	1029228.26	999574.304	2619.021	M_CONTADOR
353	1029229.11	999574.062	2619.041	M_CONTADOR
354	1029233.01	999572.927	2619.463	LIN
355	1029233.35	999572.742	2620.034	M_CONTADOR
356	1029234.04	999572.525	2620.138	M_CONTADOR
357	1029234.01	999572.119	2620.113	ACCESO
358	1029235.46	999573.338	2619.967	ACCESO
359	1029238.66	999571.126	2620.488	ACCESO
360	1029239.68	999571.862	2620.188	ACCESO
361	1029239.76	999571.285	2620.947	CONTADOR
362	1029240.12	999570.958	2620.959	LIN
363	1029239.95	999570.064	2621.02	BV
364	1029239.59	999568.714	2620.972	EJE
365	1029239.33	999567.212	2620.925	BV
366	1029239.09	999566.539	2620.784	CUNETA
367	1029238.65	999566.224	2621.249	TN
368	1029237.49	999566.553	2621.143	TN
369	1029243.36	999564.657	2622.043	TN
370	1029251.21	999563.59	2622.844	MH
371	1029251.16	999562.498	2622.76	BV
372	1029251.05	999562.102	2622.774	CUNETA
373	1029251.35	999561.391	2623.151	TN
374	1029251.79	999564.916	2622.783	BV
375	1029251.52	999565.815	2622.644	ACCESO
376	1029252.09	999566.695	2622.683	ACCESO
377	1029254.02	999565.279	2622.495	ACCESO
378	1029253.51	999564.724	2622.826	ACCESO
379	1029251.61	999567.117	2622.723	LIN

380	1029251.61	999567.117	2622.723	M_CONTADOR
381	1029251.98	999566.928	2622.715	CAJA
382	1029251.78	999566.997	2622.719	CAJA
383	1029251.69	999566.803	2622.702	CAJA
384	1029251.89	999566.698	2622.718	CAJA
385	1029251.8	999567.019	2622.737	M_CONTADOR
386	1029253.49	999566.441	2622.534	CONTADOR
387	1029253.82	999564.75	2623.077	LIN
388	1029260.79	999561.212	2623.356	LIN
389	1029260.84	999560.739	2623.781	M_CONTADOR
390	1029261.48	999560.341	2623.953	M_CONTADOR
391	1029261.49	999560.243	2623.979	ACCESO
392	1029261.74	999560.587	2624.123	ACCESO
393	1029263.53	999559.387	2624.132	ACCESO
394	1029263.28	999558.881	2624.073	ACCESO
395	1029265.97	999556.171	2624.358	ACCESO
396	1029267.36	999557.258	2623.872	ACCESO
397	1029266	999555.83	2624.452	BV
398	1029265.48	999554.969	2624.372	EJE
399	1029264.95	999553.998	2624.376	BV
400	1029268.66	999556.376	2624.748	M_CONTADOR
401	1029268.84	999556.222	2624.867	M_CONTADOR
402	1029269.13	999556.078	2624.826	POSTE
403	1029268.97	999555.854	2624.807	CONTADOR
404	1029269.22	999556.504	2625.095	LIN
405	1029270.05	999555.744	2625.139	CONTADOR
406	1029270.57	999549.299	2626.129	TN
407	1029271.06	999549.527	2625.318	CUNETAS
408	1029271.03	999550.135	2625.409	BV
409	1029271.59	999551.429	2625.509	EJE
410	1029271.37	999552.736	2625.423	BV
411	1029272.06	999554.123	2625.446	LIN
412	1029278.92	999550.22	2626.767	LIN
413	1029278.76	999549.667	2626.709	BV
414	1029278.01	999548.098	2626.603	EJE
415	1029276.72	999546.92	2626.515	BV
416	1029276.24	999546.478	2626.401	CUNETAS
417	1029276.48	999546.229	2627.72	TN
418	1029282.63	999547.999	2627.275	LIN
419	1029282.45	999547.697	2627.174	BV
420	1029281.24	999546.15	2627.132	EJE
421	1029280.03	999544.647	2627.123	BV
422	1029279.5	999544.033	2627.004	CUNETAS
423	1029280.24	999544.478	2627.165	ACCESO
424	1029279.91	999542.854	2628.061	ACCESO
425	1029281.92	999540.484	2628.185	ACCESO
426	1029285.36	999543.752	2627.549	MH

427	1029284.44	999541.369	2628.084	ACCESO
428	1029285.3	999539.409	2627.833	CUNETA
429	1029289.68	999537.589	2628.144	BV
430	1029289.52	999536.915	2628.483	CUNETA
431	1029302.2	999530.913	2630.317	LIN
432	1029301.97	999530.691	2630.291	BV
433	1029301.21	999529.059	2630.353	EJE
434	1029300.45	999528.181	2630.313	BV
435	1029300.01	999527.459	2630.135	CUNETA
436	1029299.41	999527.141	2630.532	TN
437	1029309.79	999517.039	2633.208	M_CONTADOR
438	1029309.53	999517.626	2633.364	M_CONTADOR
439	1029318.95	999509.129	2635.394	CUNETA
440	1029318.26	999508.955	2635.778	TN
441	1029319	999509.412	2635.553	BV
442	1029320.07	999510.501	2635.66	EJE
443	1029320.97	999511.232	2635.656	BV
444	1029321.27	999511.556	2635.764	LIN
445	1029324.51	999508.796	2636.699	LIN
446	1029326.01	999506.819	2637.16	BV
447	1029325.29	999505.764	2637.188	EJE
448	1029324.42	999504.386	2637.115	BV
449	1029324.34	999503.976	2636.993	CUNETA
450	1029324.21	999503.833	2637.342	TN
451	1029323.89	999503.429	2637.356	TN
452	1029331.64	999498.427	2638.988	TN
453	1029331.83	999498.754	2638.775	CUNETA
454	1029331.78	999498.763	2638.848	BV
455	1029332.33	999499.668	2638.954	EJE
456	1029333.11	999500.6	2639.04	BV
457	1029332.97	999501.224	2638.997	LIN
458	1029338.32	999492.664	2640.18	TN
459	1029338.83	999493.215	2639.752	CUNETA
460	1029339.03	999493.357	2639.938	BV
461	1029339.66	999494.566	2640.007	EJE
462	1029340.55	999495.677	2640.082	BV
463	1029340.98	999496.035	2640.046	LIN
464	1029336.54	999492.634	2641.322	POSTE
465	1029347.87	999486.792	2641.172	TN
466	1029347.96	999487.335	2640.468	CUNETA
467	1029348.46	999487.739	2640.604	BV
468	1029349.33	999489.135	2640.696	EJE
469	1029349.74	999490.036	2640.697	BV
470	1029350.18	999490.805	2640.839	LIN
471	1029348.34	999491.703	2640.607	LIN
472	1029347.19	999492.271	2640.55	LIN
473	1029355.2	999488.549	2641.003	LIN

474	1029355.23	999488.535	2641.006	M_CONTADOR
475	1029356.33	999488.008	2641.015	M_CONTADOR
476	1029356.33	999488	2641.013	ACCESO
477	1029358.55	999486.677	2641.187	ACCESO
478	1029358.89	999486.503	2641.23	LIN
479	1029358.62	999485.997	2641.179	BV
480	1029358.12	999484.77	2641.219	EJE
481	1029357.77	999483.873	2641.268	MH
482	1029357.37	999483.268	2641.231	BV
483	1029358.51	999482.212	2641.238	ACCESO
484	1029357.39	999480.784	2641.649	ACCESO
485	1029354.74	999482.022	2641.513	ACCESO
486	1029355.16	999483.857	2641.098	ACCESO
487	1029359.11	999480.928	2641.725	POSTE
488	1029367.75	999478.579	2642.537	MURO
489	1029368.21	999479.476	2641.754	TN
490	1029368.13	999480.174	2641.573	BV
491	1029368.62	999481.81	2641.626	EJE
492	1029368.95	999483.26	2641.66	BV
493	1029369.46	999483.838	2641.645	LIN
494	1029380.9	999481.622	2642.451	LIN
495	1029380.99	999481.129	2642.382	BV
496	1029380.7	999479.773	2642.36	EJE
497	1029380.42	999478.043	2642.31	BV
498	1029380.2	999477.284	2642.412	TN
499	1029380.1	999476.839	2642.919	CONTADOR
500	1029383.36	999475.636	2643.641	MURO
501	1029385.88	999476.247	2642.944	POSTE
502	1029386.74	999476.183	2642.958	ACCESO
503	1029386.06	999475.886	2643.465	ACCESO
504	1029386.69	999473.732	2643.633	ACCESO
505	1029388.88	999474.942	2643.257	ACCESO
506	1029388.06	999474.191	2643.542	M_CONTADOR
507	1029388.7	999474.001	2643.381	M_CONTADOR
508	1029387.33	999473.613	2643.622	PARAMENT
509	1029389.82	999477.163	2643.157	MH
510	1029394.72	999472.952	2643.982	TN
511	1029394.91	999473.701	2643.652	TN
512	1029394.95	999474.945	2643.631	BV
513	1029395.05	999476.366	2643.652	EJE
514	1029395.19	999477.693	2643.64	BV
515	1029395.42	999478.306	2643.509	TN
516	1029395.51	999478.931	2642.613	TN
517	1029390.06	999480.121	2642.352	TN
518	1029389.67	999479.218	2642.989	TN
519	1029398.13	999471.398	2645.267	PARAMENT
520	1029398.5	999472.093	2645.006	ACCESO

521	1029398.04	999471.048	2645.573	ACCESO
522	1029401.36	999468.557	2645.796	ACCESO
523	1029402.96	999470.52	2645.125	ACCESO
524	1029402.86	999473.071	2644.582	BV
525	1029403.4	999474.545	2644.588	EJE
526	1029404.05	999476.227	2644.566	BV
527	1029404.26	999477.146	2643.917	LIN
528	1029399.92	999477.594	2643.874	LIN
529	1029405.71	999470.178	2645.352	LIN
530	1029415.45	999468.35	2646.685	LIN
531	1029415.42	999468.489	2646.653	M_CONTADOR
532	1029415.99	999468.46	2646.768	M_CONTADOR
533	1029416.26	999468.018	2646.775	LIN
534	1029415.41	999469.43	2646.52	TN
535	1029408.94	999470.13	2645.413	TN
536	1029416.27	999469.915	2646.198	TN
537	1029416.34	999470.389	2646.249	BV
538	1029416.62	999471.839	2646.189	EJE
539	1029416.53	999472.874	2646.041	BV
540	1029416.9	999474.089	2646.053	LIN
541	1029420.67	999467.29	2647.322	LIN
542	1029420.73	999467.254	2647.328	M_CONTADOR
543	1029421.36	999467.147	2647.435	M_CONTADOR
544	1029421.81	999466.988	2647.212	ACCESO
545	1029423.66	999466.613	2647.358	ACCESO
546	1029423.93	999466.565	2647.368	LIN
547	1029424.34	999466.453	2647.504	ACCESO
548	1029426.95	999465.932	2647.693	ACCESO
549	1029427.41	999472.034	2646.792	_TRAMO_3_CHIA
550	1029426.97	999468.987	2647.225	BV
551	1029426.83	999467.757	2647.45	TN
552	1029425.89	999474.413	2646.566	BV
553	1029425.34	999475.232	2646.527	LIN
554	1029428.07	999476.915	2646.42	POSTE
555	1029375.82	999601.938	2625.192	O_TRAMO_1_CHIA
556	1029364.3	999606.025	2624.252	PLACA_E
557	1029365.92	999610.574	2624.235	PLACA_E
558	1029356.27	999615.613	2623.468	PLACA_E
559	1029354.47	999610.875	2623.456	PLACA_E
560	1029374.78	999600.682	2625.143	PLACA_E
561	1029376.64	999604.221	2625.184	PLACA_E
562	1029377.88	999604.504	2625.63	TN
563	1029376.99	999603.622	2625.143	BV
564	1029375.71	999600.089	2625.162	BV
565	1029374.99	999599.849	2625.145	CUNETAS
566	1029374.21	999599.098	2625.464	LIN
567	1029377.23	999597.871	2625.627	LIN

568	1029377.3	999597.805	2625.659	M_CONTADOR
569	1029377.15	999596.608	2625.872	M_CONTADOR
570	1029377.16	999596.603	2625.868	ACCESO
571	1029380.15	999596.234	2625.772	ACCESO
572	1029380.15	999596.234	2625.772	ACCESO
573	1029379.91	999595.424	2625.881	ACCESO
574	1029377.53	999597.687	2625.597	ACCESO
575	1029381.61	999595.495	2625.959	CONTADOR
576	1029380.08	999595.764	2625.729	CONTADOR
577	1029380.38	999595.111	2625.909	MURO
578	1029387.93	999591.324	2626.895	MURO
579	1029387.94	999591.298	2626.893	M_CONTADOR
580	1029387.92	999589.911	2627.005	M_CONTADOR
581	1029387.94	999589.708	2626.858	ACCESO
582	1029392.89	999589.46	2627.289	ACCESO
583	1029391.58	999590.088	2627.171	ACCESO
584	1029388.22	999591.916	2626.79	ACCESO
585	1029389.34	999593.018	2626.485	CUNETAS
586	1029389.56	999593.348	2626.635	BV
587	1029390.16	999594.77	2626.715	EJE
588	1029390.85	999596.206	2626.796	BV
589	1029391.13	999596.61	2626.739	TN
590	1029391.96	999597.316	2627.254	TN
591	1029395.33	999594.112	2627.596	MH
592	1029396.12	999592.213	2627.589	MH
593	1029398.49	999594.993	2628.342	TN
594	1029398.58	999595.062	2628.706	ACCESO
595	1029399.93	999595.601	2628.546	ACCESO
596	1029401.13	999593.173	2628.356	ACCESO
597	1029399.85	999593.338	2628.04	ACCESO
598	1029408.75	999591.286	2629.573	POSTE
599	1029408.44	999590.659	2628.912	TN
600	1029408.12	999590.256	2629.044	BV
601	1029407.55	999588.302	2628.974	EJE
602	1029407.02	999586.483	2628.992	BV
603	1029406.95	999585.776	2628.835	CUNETAS
604	1029405.54	999585.491	2629.074	POSTE
605	1029407.3	999584.775	2629.24	LIN
606	1029407.3	999584.765	2629.251	ACCESO
607	1029412.15	999582.697	2629.894	ACCESO
608	1029412.43	999582.558	2629.991	LIN
609	1029393.22	999589.328	2627.539	LIN
610	1029414.76	999581.85	2630.423	LIN
611	1029414.76	999581.925	2630.41	ACCESO
612	1029415.71	999581.651	2630.506	ACCESO
613	1029415.73	999581.529	2630.499	LIN
614	1029422.64	999579.6	2631.309	LIN

615	1029422.73	999579.439	2631.312	ACCESO
616	1029424.21	999578.884	2631.463	LIN
617	1029424.48	999579.067	2631.478	ACCESO
618	1029425.01	999579.908	2631.064	CUNETAS
619	1029425.13	999580.39	2631.362	BV
620	1029425.69	999582.559	2631.515	EJE
621	1029426.5	999584.867	2631.678	BV
622	1029426.79	999585.662	2631.456	CUNETAS
623	1029415.4	999588.725	2629.867	CUNETAS
624	1029404.09	999591.94	2628.381	CUNETAS
625	1029427.29	999585.534	2631.457	CUNETAS
626	1029428.02	999585.435	2631.571	SUMIDERO
627	1029427.89	999585.164	2631.572	SUMIDERO
628	1029428.51	999584.916	2631.62	SUMIDERO
629	1029428.5	999584.99	2631.622	SUMIDERO
630	1029428.56	999585.217	2631.601	SUMIDERO
631	1029428.8	999585.061	2631.66	CUNETAS
632	1029431.44	999585.551	2632.588	POSTE
633	1029431.38	999586.436	2632.749	LIN
634	1029431.86	999584.055	2632.108	CUNETAS
635	1029438.88	999582.922	2633.487	LIN
636	1029439.17	999582.747	2633.495	ACCESO
637	1029442.42	999580.941	2633.785	ACCESO
638	1029442.58	999580.768	2633.754	M_CONTADOR
639	1029443.18	999580.54	2633.906	M_CONTADOR
640	1029443.2	999580.538	2633.907	LIN
641	1029445.01	999578.945	2634.147	LIN
642	1029439.73	999579.302	2633.242	CUNETAS
643	1029439.31	999578.921	2633.36	BV
644	1029437.06	999577.301	2633.156	EJE
645	1029435.06	999575.485	2632.823	BV
646	1029434.07	999574.918	2632.481	CUNETAS
647	1029430.12	999576.654	2632.223	LIN
648	1029430.37	999576.377	2632.546	ACCESO
649	1029432.7	999573.85	2632.628	ACCESO
650	1029433.21	999573.752	2632.756	M_CONTADOR
651	1029434.24	999573.041	2633.089	M_CONTADOR
652	1029434.3	999572.693	2633.264	LIN
653	1029435.7	999570.649	2633.951	LIN
654	1029436.69	999571.353	2633.517	TN
655	1029437.15	999571.351	2633.298	CUNETAS
656	1029437.76	999571.674	2633.526	BV
657	1029439.66	999572.21	2633.775	EJE
658	1029441.68	999572.808	2633.937	BV
659	1029442.57	999572.769	2633.777	EJE
660	1029442.98	999572.913	2633.9	TN
661	1029444.71	999572.826	2634.281	LIN

662	1029443.54	999565.893	2634.659	POSTE
663	1029444.93	999561.258	2635.428	LIN
664	1029445.46	999560.378	2635.407	ACCESO
665	1029445.22	999557.071	2635.716	ACCESO
666	1029444.92	999556.62	2635.807	LIN
667	1029443.38	999557.121	2635.519	TN
668	1029442.85	999556.031	2635.346	CUNETA
669	1029436.16	999563.549	2635.348	LIN
670	1029436	999563.56	2635.199	M_CONTADOR
671	1029435.87	999563.271	2635.394	M_CONTADOR
672	1029437.5	999562.597	2634.972	PARAMENT
673	1029438.13	999563.168	2634.55	TN
674	1029438.24	999563.727	2634.289	CUNETA
675	1029439.28	999562.608	2634.583	BV
676	1029440.74	999562.362	2634.732	EJE
677	1029437.73	999557.769	2635.664	PARAMENT
678	1029437.65	999557.695	2635.798	ACCESO
679	1029437.51	999553.843	2635.709	ACCESO
680	1029437.62	999553.68	2635.702	PARAMENT
681	1029438.23	999555.864	2635.311	CUNETA
682	1029439.15	999556.223	2635.355	BV
683	1029440.82	999556.143	2635.507	EJE
684	1029437.54	999545.274	2636.884	PARAMENT
685	1029437.9	999545.133	2636.749	CUNETA
686	1029437.63	999542.933	2637.095	CUNETA
687	1029436.32	999544.185	2637.454	PARAMENT
688	1029437.84	999541.58	2637.234	CUNETA
689	1029439.02	999541.275	2637.455	BV
690	1029440.74	999541.368	2637.595	EJE
691	1029442.55	999541.416	2637.735	BV
692	1029443.36	999541.362	2637.338	CUNETA
693	1029443.9	999541.777	2637.769	TN
694	1029444.59	999542.305	2638.431	TN
695	1029438.65	999536.826	2638.19	PARAMENT
696	1029437.7	999536.327	2638.071	PARAMENT
697	1029437.61	999536.367	2638.084	ACCESO
698	1029438.29	999534.985	2638.149	ACCESO
699	1029439.26	999535.947	2638.281	ACCESO
700	1029439.06	999536.864	2638.223	ACCESO
701	1029439.27	999535.991	2637.901	CUNETA
702	1029440.09	999536.003	2638.357	BV
703	1029438.57	999535.075	2638.245	M_CONTADOR
704	1029438.75	999533.889	2638.672	M_CONTADOR
705	1029440.76	999532.897	2639.01	BV
706	1029441.12	999524.677	2640.378	BV
707	1029441.34	999518.617	2641.153	BV
708	1029441.48	999514.656	2641.586	BV

709	1029444.09	999514.442	2641.871	BV
710	1029444.74	999519.091	2641.258	BV
711	1029447.79	999522.613	2641.337	BV
712	1029443.38	999523.975	2640.743	MH
713	1029444.33	999528.554	2640.202	BV
714	1029447.49	999527.203	2640.885	BV
715	1029452.06	999527.673	2641.727	BV
716	1029450.95	999530.259	2641.311	EJE
717	1029450.82	999532.785	2641.053	BV
718	1029451.13	999533.719	2641.142	TN
719	1029451.36	999534.453	2640.879	CUNETA
720	1029450.9	999535.798	2641.943	TN
721	1029451.11	999535.384	2641.921	TN
722	1029447.12	999536.031	2639.858	TN
723	1029446.95	999535.277	2639.399	CUNETA
724	1029446.72	999534.994	2639.723	TN
725	1029446.65	999534.401	2639.704	BV
726	1029445.75	999532.223	2639.875	EJE
727	1029444.37	999530.369	2639.934	BV
728	1029456.76	999537.047	2643.232	POSTE
729	1029457.34	999536.652	2642.555	CUNETA
730	1029457.43	999536.38	2642.958	TN
731	1029457.72	999535.952	2642.949	BV
732	1029458.82	999534.609	2643.111	EJE
733	1029459.58	999533.159	2643.227	BV
734	1029460.15	999532.622	2643.112	CUNETA
735	1029453.96	999525.929	2642.074	CUNETA
736	1029452.89	999524.118	2642.232	LIN
737	1029452.83	999524.155	2642.231	ACCESO
738	1029453.97	999525.167	2642.372	ACCESO
739	1029454.17	999525.303	2642.483	LIN
740	1029450.8	999523.829	2642.251	POSTE
741	1029460.34	999532.631	2643.584	LIN
742	1029464.06	999535.957	2644.145	LIN
743	1029463.78	999536.22	2644.076	CUNETA
744	1029464.06	999537.2	2644.793	ACCESO
745	1029464.6	999536.171	2644.847	ACCESO
746	1029466.84	999536.623	2645.057	ACCESO
747	1029466.61	999539.465	2645.029	ACCESO
748	1029467.75	999537.974	2645.302	M_CONTADOR
749	1029467.91	999536.718	2645.267	M_CONTADOR
750	1029467.98	999536.691	2645.223	M_CONTADOR
751	1029467.14	999536.643	2645.062	M_CONTADOR
752	1029467.64	999539.414	2644.937	CUNETA
753	1029467.92	999540.088	2645.037	CUNETA
754	1029469.04	999540.312	2646.039	TN
755	1029468.92	999540.967	2645.598	TN

756	1029469.1	999541.386	2645.489	CUNETA
757	1029469.09	999541.701	2645.644	BV
758	1029467.99	999542.846	2645.625	EJE
759	1029466.89	999544.009	2645.678	BV
760	1029465.88	999544.165	2645.476	CUNETA
761	1029465.51	999544.924	2645.892	TN
762	1029476.12	999556.448	2648.527	TN
763	1029477.72	999555.207	2648.77	TN
764	1029477.68	999556.42	2648.723	POSTE
765	1029478.45	999555.428	2648.514	CUNETA
766	1029478.98	999555.34	2648.777	BV
767	1029479.9	999554.138	2648.78	EJE
768	1029480.31	999553.44	2648.713	BV
769	1029480.86	999552.374	2648.842	TN
770	1029481.16	999552.055	2648.67	CUNETA
771	1029481.45	999552.682	2648.905	ACCESO
772	1029482.2	999551.964	2649.392	ACCESO
773	1029484.47	999553.576	2649.648	ACCESO
774	1029483.48	999554.482	2649.375	ACCESO
775	1029483.92	999554.591	2649.206	CUNETA
776	1029484.4	999558.747	2649.973	MH
777	1029493.65	999562.438	2652.101	TN
778	1029493.48	999562.723	2651.443	CUNETA
779	1029493.15	999563.174	2651.588	BV
780	1029492.35	999564.29	2651.568	EJE
781	1029491.38	999565.677	2651.678	BV
782	1029491.09	999566.247	2651.487	CUNETA
783	1029490.89	999566.493	2651.706	TN
784	1029490.66	999567.914	2651.828	TN
785	1029501.72	999575.677	2654.343	TN
786	1029502.4	999575.422	2654.314	TN
787	1029502.5	999575.092	2653.966	CUNETA
788	1029502.99	999574.859	2654.401	BV
789	1029503.95	999573.925	2654.435	EJE
790	1029505.16	999573.183	2654.587	BV
791	1029505.37	999572.629	2654.505	CUNETA
792	1029505.83	999572.761	2655.035	TN
793	1029506.18	999571.931	2655.178	TN
794	1029514.64	999582.649	2657.347	MH
795	1029515.14	999582.752	2657.381	EJE
796	1029513.88	999584.274	2657.284	BV
797	1029516.66	999581.948	2657.363	BV
798	1029517.13	999581.516	2657.226	CUNETA
799	1029514.59	999585.209	2657.151	CUNETA
800	1029514.26	999585.658	2657.535	TN
801	1029513.39	999586.827	2657.705	LIN
802	1029504.08	999578.491	2655.138	LIN

803	1029517.52	999581.3	2657.597	TN
804	1029517.98	999591.228	2658.434	LIN
805	1029518.7	999590.727	2658.833	POSTE
806	1029518.86	999590.319	2658.906	TN
807	1029519.2	999590.052	2658.217	CUNETA
808	1029519.81	999589.554	2658.888	BV
809	1029520.87	999588.455	2658.913	EJE
810	1029522.23	999587.677	2658.806	BV
811	1029522.97	999586.856	2658.87	CUNETA
812	1029523.71	999586.602	2659.167	TN
813	1029457.34	999532.193	2642.769	MH
814	1029225.6	999756.048	2610.544	GPS-2
815	1029269.68	999709.451	2617.383	GPS-1
816	1029269.67	999709.47	2617.377	CHEQUEO
817	1029528.1	999599.216	2661.313	TN
818	1029527.87	999598.554	2660.846	CUNETA
819	1029528.56	999598.236	2661.361	BV
820	1029529.6	999597.231	2661.368	EJE
821	1029531.03	999596.122	2661.402	BV
822	1029531.6	999595.831	2661.345	CUNETA
823	1029531.9	999595.062	2662.146	TN
824	1029537.99	999610.091	2664.919	LIN
825	1029538.98	999608.67	2664.506	TN
826	1029539.32	999608.67	2664.27	CUNETA
827	1029539.76	999608.354	2664.534	BV
828	1029540.89	999607.406	2664.65	MH
829	1029541.24	999607.068	2664.674	EJE
830	1029542.43	999605.86	2664.68	BV
831	1029543.15	999605.652	2664.682	CUNETA
832	1029543.48	999604.68	2665.326	TN
833	1029538.6	999610.392	2664.926	ACCESO
834	1029540.46	999611.487	2665.233	ACCESO
835	1029541.18	999610.476	2665.05	ACCESO
836	1029539.37	999609.266	2664.699	ACCESO
837	1029552.5	999620.15	2668.754	TN
838	1029553.21	999619.353	2668.87	POSTE
839	1029553.72	999619.157	2668.849	TN
840	1029554.18	999618.916	2668.05	CUNETA
841	1029554.63	999618.532	2668.337	BV
842	1029555.16	999617.336	2668.309	EJE
843	1029555.75	999616.066	2668.254	BV
844	1029555.38	999615.177	2668.076	CUNETA
845	1029557.37	999616.208	2668.78	ACCESO
846	1029561.68	999617.906	2669.915	ACCESO
847	1029559.01	999614.546	2669.213	ACCESO
848	1029558.12	999613.84	2669.121	ACCESO
849	1029556.32	999614.663	2668.766	ACCESO

850	1029561.92	999618.556	2669.885	CUNETA
851	1029571.21	999622.592	2672.214	CUNETA
852	1029571.34	999622.638	2672.503	LIN
853	1029573.1	999622.841	2673.395	LIN
854	1029573.08	999622.841	2673.371	ACCESO
855	1029573.9	999623.184	2673.389	ACCESO
856	1029573.83	999623.269	2673.402	LIN
857	1029575.72	999624.102	2673.406	LIN
858	1029575.95	999624.45	2673.23	CUNETA
859	1029575.85	999625.187	2673.552	BV
860	1029575.35	999626.928	2673.614	EJE
861	1029575.76	999627.334	2673.782	MH
862	1029574.87	999628.398	2673.653	BV
863	1029573.88	999628.763	2673.077	CUNETA
864	1029574.57	999629.637	2674.052	TN
865	1029574.21	999630.302	2674.273	TN
866	1029581.46	999626.235	2674.905	LIN
867	1029581.46	999626.235	2674.905	PARAMENT
868	1029586.37	999628.931	2676.269	PARAMENT
869	1029586.48	999628.955	2676.382	ACCESO
870	1029588.02	999635.698	2676.936	POSTE
871	1029588.68	999635.268	2676.712	TN
872	1029589.02	999634.927	2676.569	CUNETA
873	1029589.36	999634.54	2676.657	BV
874	1029589.95	999633.005	2676.651	EJE
875	1029590.45	999631.689	2676.719	BV
876	1029590.74	999630.843	2676.902	TN
877	1029590.27	999630.742	2676.298	CUNETA
878	1029590.02	999630.21	2676.533	PARAMENT
879	1029590.44	999630.046	2676.622	PARAMENT
880	1029589.61	999630.31	2676.448	ACCESO
881	1029590	999636.336	2677.207	LIN
882	1029598.45	999633.563	2678.031	ACCESO
883	1029599.76	999633.86	2677.946	ACCESO
884	1029598.44	999633.55	2678.054	PARAMENT
885	1029599.76	999633.86	2677.946	PARAMENT
886	1029599.76	999634.33	2677.831	CUNETA
887	1029599.8	999634.848	2678.099	BV
888	1029599.3	999636.384	2678.06	EJE
889	1029598.79	999637.638	2678.037	BV
890	1029598.65	999638.28	2677.803	CUNETA
891	1029598.7	999638.511	2678.209	TN
892	1029598.45	999639.596	2679.346	LIN
893	1029613.46	999641.062	2679.485	MH
894	1029615.32	999643.088	2679.709	_TRAMO_1_CHIA
895	1029616.01	999641.344	2679.734	BV
896	1029616.3	999640.652	2679.595	CUNETA

897	1029616.36	999640.239	2680.273	TN
898	1029614.35	999644.646	2679.649	BV
899	1029614.12	999644.899	2679.485	CUNETA
900	1029613.86	999645.902	2679.892	LIN
901	1029614.43	999644.964	2679.609	PLACA_E
902	1029616.75	999640.97	2679.676	PLACA_E
903	1029628.33	999647.054	2680.915	PLACA_E
904	1029626.1	999651.62	2680.949	PLACA_E
905	1029635.84	999651.027	2682.155	PLACA_E
906	1029646.48	999652.92	2684.094	PLACA_E
907	1029653.36	999653.651	2685.209	PLACA_E
908	1029661.58	999654.945	2685.984	PLACA_E
909	1029670.37	999657.568	2687.115	PLACA_E
910	1029668.46	999663.862	2686.99	PLACA_E
911	1029662.96	999662.995	2685.746	PLACA_E
912	1029658.04	999665.511	2684.172	PLACA_E
913	1029656.21	999668.947	2683.185	PLACA_E
914	1029656.64	999675.404	2681.559	PLACA_E
915	1029651.2	999676.921	2681.639	PLACA_E
916	1029649.96	999669.89	2683.248	PLACA_E
917	1029647.47	999667.554	2684.177	PLACA_E
918	1029645.42	999667.93	2684.702	PLACA_E
919	1029643.83	999669.038	2685	PLACA_E
920	1029639.73	999666.991	2685.094	PLACA_E
921	1029641.02	999663.453	2684.561	PLACA_E
922	1029640.52	999661.191	2684.119	PLACA_E
923	1029636.59	999657.61	2683.009	PLACA_E
924	1029633.79	999655.8	2682.256	PLACA_E
925	1029639.84	999674.983	2685.754	PLACA_E
926	1029635.77	999672.263	2685.924	PLACA_E
927	1029637.38	999673.698	2685.922	O_TRAMO_2_CHIA
928	1029636	999672.696	2685.926	BV
929	1029635.54	999672.728	2685.889	CUNETA
930	1029634.5	999672.439	2686.392	LIN
931	1029639.04	999675.346	2685.912	BV
932	1029640.07	999676.144	2686.06	TN
933	1029642.02	999677.492	2686.312	LIN
934	1029637.09	999679.801	2686.655	ACCESO
935	1029636.34	999681.605	2686.919	ACCESO
936	1029637.23	999682.447	2686.977	ACCESO
937	1029638.16	999681.339	2686.758	ACCESO
938	1029634.76	999688.807	2688.595	CONTADOR
939	1029631.96	999694.953	2689.542	LIN
940	1029631.03	999694.816	2689.439	TN
941	1029630.61	999694.717	2689.374	BV
942	1029628.5	999693.807	2689.297	EJE
943	1029625.9	999693.193	2689.231	BV

944	1029625.5	999693.125	2689.192	TN
945	1029625.14	999693.126	2689.054	CUNETA
946	1029624.57	999693.205	2689.904	TN
947	1029621.39	999701.31	2691.44	TN
948	1029628.23	999705.642	2690.615	LIN
949	1029627.05	999704.93	2691.043	TN
950	1029626.55	999704.483	2691.018	BV
951	1029624.37	999703.123	2690.94	EJE
952	1029622.47	999702.043	2691.152	BV
953	1029626.28	999708.311	2691.663	POSTE
954	1029622.07	999711.018	2691.942	TN
955	1029621.83	999710.666	2691.843	TN
956	1029621.35	999710.415	2691.758	CUNETA
957	1029621.07	999710.115	2691.788	BV
958	1029619.56	999708.388	2691.768	EJE
959	1029618.2	999707.192	2691.81	BV
960	1029617	999706.738	2692.432	TN
961	1029612.46	999717.613	2693.375	M_CONTADOR
962	1029612.45	999717.638	2693.375	LIN
963	1029611.71	999718.423	2693.513	LIN
964	1029611.76	999718.374	2693.495	M_CONTADOR
965	1029610.95	999717.909	2693.269	TN
966	1029610.86	999717.768	2693.069	CUNETA
967	1029610.63	999717.404	2693.26	BV
968	1029609.8	999715.269	2693.238	EJE
969	1029609.15	999714.067	2693.229	BV
970	1029608.37	999712.946	2693.66	TN
971	1029602.42	999722.799	2694.519	LIN
972	1029602.33	999722.732	2694.528	PARAMENT
973	1029601.96	999722.156	2694.366	TN
974	1029601.65	999722.027	2694.248	CUNETA
975	1029601.45	999721.867	2694.405	BV
976	1029600.58	999719.619	2694.459	EJE
977	1029599.64	999718.069	2694.499	BV
978	1029599.3	999717.037	2694.809	TN
979	1029594.71	999726.517	2695.191	PARAMENT
980	1029594.72	999726.525	2695.198	M_CONTADOR
981	1029595.31	999726.119	2695.115	M_CONTADOR
982	1029594.31	999726.85	2695.213	LIN
983	1029586.91	999726.623	2696.014	EJE
984	1029585.54	999724.747	2696.178	BV
985	1029585.06	999723.322	2696.651	TN
986	1029587.8	999728.465	2695.843	BV
987	1029588.4	999728.947	2695.576	CUNETA
988	1029588.94	999729.402	2695.716	LIN
989	1029576.37	999735.093	2697.716	TN
990	1029576.54	999735.515	2697.141	TN

991	1029576.8	999735.631	2697.115	BV
992	1029578.46	999736.967	2696.909	EJE
993	1029579.83	999737.814	2696.659	BV
994	1029580.47	999738.238	2696.674	CUNETA
995	1029581.54	999737.616	2696.72	ACCESO
996	1029579.09	999740.792	2696.808	ACCESO
997	1029582.57	999742.244	2696.25	ACCESO
998	1029579.72	999743.032	2696.156	ACCESO
999	1029582.63	999738.746	2696.371	LIN
1000	1029572.03	999743.678	2697.863	ACCESO
1001	1029572.45	999742.814	2698.072	ACCESO
1002	1029570.92	999741.453	2698.492	ACCESO
1003	1029575.57	999750.095	2698.509	LIN
1004	1029573.9	999749.474	2698.073	BV
1005	1029571.93	999748.601	2698.093	EJE
1006	1029569.23	999748.559	2698.45	BV
1007	1029568.71	999748.641	2698.397	ACCESO
1008	1029568.3	999748.275	2698.829	MURO
1009	1029564.13	999758.767	2699.663	POSTE
1010	1029560.92	999764.546	2700.425	MURO
1011	1029561.4	999764.908	2700.261	BV
1012	1029562.86	999765.76	2700.441	EJE
1013	1029564.14	999766.493	2700.443	BV
1014	1029564.91	999766.887	2700.528	MURO
1015	1029561.13	999773.391	2701.714	MURO
1016	1029560.25	999773.129	2701.296	BV
1017	1029559.31	999771.927	2701.368	EJE
1018	1029557.67	999770.902	2701.233	BV
1019	1029556.82	999770.294	2701.264	MURO
1020	1029548.33	999776.861	2702.54	MURO
1021	1029548.59	999778.037	2702.555	PORTADA
1022	1029550.18	999777.719	2702.265	BV
1023	1029551.6	999778.949	2702.374	EJE
1024	1029552.28	999780.58	2702.411	BV
1025	1029553.11	999781.934	2702.566	MURO
1026	1029551.45	999782.456	2702.578	PORTADA
1027	1029546.01	999779.18	2702.777	QUIOSCO
1028	1029545.29	999777.677	2702.806	QUIOSCO
1029	1029544.36	999780.615	2702.834	QUIOSCO
1030	1029543.25	999778.771	2702.759	QUIOSCO
1031	1029540.63	999780.827	2703.113	LETRERO
1032	1029538.83	999782.234	2703.31	LETRERO
1033	1029538.5	999780.937	2703.269	LETRERO
1034	1029546.39	999776.585	2703.195	MURO
1035	1029541.71	999778.999	2702.94	MURO
1036	1029539.98	999783.239	2703.232	RIEL
1037	1029542.4	999786.326	2703.206	RIEL

1038	1029544.85	999789.108	2703.267	RIEL
1039	1029548.51	999784.556	2702.751	BV
1040	1029549.37	999785.035	2702.803	TN
1041	1029550.54	999784.66	2703.277	POSTE
1042	1029550.78	999784.373	2703.252	MURO
1043	1029547.61	999782.469	2702.769	EJE
1044	1029545.68	999781.409	2702.713	BV
1045	1029538.9	999784.864	2703.213	BV
1046	1029534.73	999789.638	2703.422	BV
1047	1029534.11	999795.104	2703.624	BV
1048	1029536.1	999800.831	2703.758	BV
1049	1029541.33	999804.614	2704	BV
1050	1029546.85	999804.782	2704.317	BV
1051	1029550.35	999802.908	2704.555	BV
1052	1029553.95	999800.347	2704.813	BV
1053	1029558.59	999798.312	2705.039	BV
1054	1029556.85	999794.617	2705.157	BV
1055	1029552.87	999796.397	2704.727	BV
1056	1029552.8	999796.272	2704.739	ACCESO
1057	1029550.95	999795.311	2704.456	ACCESO
1058	1029550.43	999795.939	2704.423	BV
1059	1029545.78	999795.179	2703.839	BV
1060	1029543.65	999791.634	2703.4	BV
1061	1029544.29	999789.288	2703.205	BV
1062	1029543.74	999785.702	2703.082	EJE
1063	1029540.17	999789.645	2703.377	EJE
1064	1029538.45	999793.971	2703.62	EJE
1065	1029541.05	999798.159	2703.876	EJE
1066	1029545.36	999800.817	2704.269	EJE
1067	1029549.22	999800.585	2704.494	EJE
1068	1029555.95	999797.329	2705.028	EJE
1069	1029556.37	999799.29	2704.94	PARAMENT
1070	1029559.68	999801.103	2705.324	PARAMENT
1071	1029556.46	999800.003	2704.921	P_DURO
1072	1029554.6	999800.66	2704.918	P_DURO
1073	1029555.35	999801.927	2704.919	P_DURO
1074	1029548.78	999812.792	2704.681	P_DURO
1075	1029548.44	999813.48	2704.71	PARAMENT
1076	1029547.26	999815.598	2704.501	P_DURO
1077	1029546.66	999813.783	2704.542	P_DURO
1078	1029542.6	999811.216	2704.413	P_DURO
1079	1029541.91	999812.211	2704.447	P_DURO
1080	1029541.12	999810.185	2704.201	P_DURO
1081	1029540.36	999811.186	2704.187	P_DURO
1082	1029526.06	999800.66	2704.137	P_DURO
1083	1029525.54	999801.62	2704.105	P_DURO
1084	1029525.05	999801.269	2704.046	CONTADOR

1085	1029519.5	999793.644	2704.338	MURO
1086	1029519.87	999793.208	2704.283	QUIOSCO
1087	1029522.58	999796.534	2705.291	QUIOSCO
1088	1029531.12	999790.055	2703.758	QUIOSCO
1089	1029528.75	999786.14	2703.834	QUIOSCO
1090	1029530.28	999785.388	2703.439	MURO
1091	1029538.65	999783.574	2703.241	PARQUEADERO
1092	1029543.49	999791.035	2703.383	PARQUEADERO
1093	1029543.86	999793.411	2703.665	PARQUEADERO
1094	1029553.9	999800.458	2704.749	PARQUEADERO
1095	1029546.43	999813.099	2704.391	PARQUEADERO
1096	1029534.41	999804.408	2703.881	PARQUEADERO
1097	1029526.5	999799.826	2703.961	PARQUEADERO
1098	1029525.9	999799.701	2703.957	SENDERO
1099	1029523.68	999796.97	2704.034	SENDERO
1100	1029519.3	999799.036	2704.358	SENDERO
1101	1029520.12	999801.801	2704.263	SENDERO
1102	1029522.27	999801.897	2704.136	SENDERO
1103	1029522.4	999802.469	2704.187	POSTE
1104	1029518.05	999799.959	2704.496	MURO
1105	1029518.44	999795.034	2704.521	MURO
1106	1029565.22	999794.865	2705.619	TN
1107	1029566.27	999793.197	2705.764	POSTE
1108	1029565.67	999792.472	2705.532	BV
1109	1029565	999790.955	2705.657	EJE
1110	1029563.94	999789.539	2705.758	BV
1111	1029551.58	999788.418	2704.831	PARAMENT
1112	1029555.21	999792.387	2704.637	PARAMENT
1113	1029558.38	999791.616	2705.513	PARAMENT
1114	1029561.56	999788.463	2705.888	PARAMENT
1115	1029566.37	999785.847	2706.173	PARAMENT
1116	1029570.37	999785.238	2706.198	PARAMENT
1117	1029570.41	999785.133	2706.227	LIN
1118	1029571.79	999784.735	2706.289	LIN
1119	1029571.82	999785.246	2706.268	CONTADOR
1120	1029574.35	999784.489	2706.425	LIN
1121	1029574.35	999784.454	2706.433	ACCESO
1122	1029576.8	999784.26	2706.416	ACCESO
1123	1029576.83	999784.262	2706.444	LIN
1124	1029582.65	999784.621	2706.68	LIN
1125	1029582.36	999784.515	2706.63	M_CONTADOR
1126	1029581.76	999784.454	2706.611	M_CONTADOR
1127	1029580.58	999790.303	2706.86	LIN
1128	1029580.71	999789.206	2706.538	BV
1129	1029581.08	999787.102	2706.468	EJE
1130	1029581.22	999785.674	2706.502	BV
1131	1029574.33	999785.857	2706.309	BV

1132	1029574.31	999787.34	2706.209	EJE
1133	1029574.41	999788.948	2706.153	BV
1134	1029574.51	999790.339	2706.592	LIN
1135	1029570.89	999791.591	2706.232	LIN
1136	1029566.87	999793.576	2706.099	LIN
1137	1029567.47	999792.278	2705.717	TN
1138	1029570.15	999791.31	2705.936	TN
1139	1029570.31	999791.381	2706.121	ESCALAS
1140	1029570.4	999791.651	2706.373	ESCALAS
1141	1029567.71	999792.656	2706.326	ESCALAS
1142	1029567.52	999792.43	2706.088	ESCALAS
1143	1029570.71	999791.818	2706.218	TN
1144	1029570.8	999791.287	2705.963	TN
1145	1029572.8	999790.632	2706.144	TN
1146	1029571.33	999791.071	2706.369	ESCALAS
1147	1029571.56	999791.325	2706.572	ESCALAS
1148	1029572.92	999791.098	2706.684	ESCALAS
1149	1029572.98	999790.665	2706.42	ESCALAS
1150	1029569.3	999791.02	2705.738	BV
1151	1029568.66	999789.574	2705.877	EJE
1152	1029567.97	999787.804	2705.934	BV
1153	1029586.33	999784.535	2706.892	CERCO_VIVO
1154	1029591.43	999786.483	2707.353	CERCO_VIVO
1155	1029591.46	999786.967	2707.279	BV
1156	1029591.1	999788.94	2707.305	EJE
1157	1029590.43	999790.888	2707.191	BV
1158	1029590.11	999792.249	2707.233	LIN
1159	1029598.79	999791.035	2707.962	POSTE
1160	1029600.75	999791.818	2708.023	CERCO_VIVO
1161	1029600.64	999793.066	2708.071	BV
1162	1029599.6	999794.317	2707.966	EJE
1163	1029598.75	999795.577	2707.887	BV
1164	1029598.08	999796.365	2707.751	TN
1165	1029598.07	999796.755	2708.188	LIN
1166	1029605.84	999801.27	2708.559	EJE
1167	1029607.38	999800.636	2708.674	BV
1168	1029608.01	999799.932	2708.589	CERCO_VIVO
1169	1029604.9	999802.575	2708.558	BV
1170	1029604.32	999802.844	2708.606	TN
1171	1029604.05	999803.148	2709.335	LIN
1172	1029610.7	999810.726	2709.119	EJE
1173	1029609.11	999811.468	2709.095	BV
1174	1029608.56	999811.587	2709.018	TN
1175	1029607.8	999811.514	2709.23	LIN
1176	1029611.56	999810.807	2709.258	BV
1177	1029612.5	999810.683	2709.316	CERCO_VIVO
1178	1029615.88	999822.657	2710.09	CERCO_VIVO

1179	1029615.08	999822.861	2709.825	BV
1180	1029613.73	999823.151	2709.822	EJE
1181	1029611.78	999823.567	2709.616	BV
1182	1029610.83	999823.519	2709.749	TN
1183	1029610.29	999823.181	2710.268	LIN
1184	1029610.57	999829.778	2710.407	LIN
1185	1029611.08	999829.695	2710.069	TN
1186	1029611.56	999829.887	2709.974	BV
1187	1029613.72	999829.975	2710.091	EJE
1188	1029615.49	999829.958	2710.192	BV
1189	1029616.22	999830.125	2710.377	CERCO_VIVO
1190	1029615.92	999829.36	2710.383	POSTE
1191	1029616.81	999827.991	2710.215	M_CONTADOR
1192	1029616.82	999828.902	2710.042	M_CONTADOR
1193	1029616.64	999878.153	2711.948	QUIOSCO
1194	1029619.44	999873.836	2712.193	QUIOSCO
1195	1029619.5	999873.038	2712.055	ACCESO
1196	1029620.42	999870.078	2712.124	ACCESO
1197	1029615.63	999874.418	2711.96	BV
1198	1029612.96	999872.293	2712.102	_TRAMO_2_CHIA
1199	1029609.82	999869.111	2712.203	BV
1200	1029607.95	999867.681	2712.552	TN
1201	1029610.26	999869.998	2712.11	ACCESO
1202	1029612.52	999872.17	2712.085	ACCESO
1203	1029611.15	999873.856	2712.56	ACCESO
1204	1029608.92	999871.485	2712.676	ACCESO
1205	1029620.19	999869.217	2711.887	CERCO_VIVO
1206	1029619.82	999864.11	2712.128	CERCO_VIVO
1207	1029618.75	999856.986	2711.515	CERCO_VIVO
1208	1029618.4	999851.507	2711.011	CERCO_VIVO
1209	1029617.78	999864.605	2711.79	BV
1210	1029615.17	999864.31	2711.721	EJE
1211	1029611.22	999864.155	2711.672	BV
1212	1029609.21	999864.054	2712.105	TN
1213	1029608.47	999863.971	2712.747	TN
1214	1029610.7	999852.316	2712.047	TN
1215	1029611.08	999852.257	2711.229	TN
1216	1029611.54	999852.308	2711.194	BV
1217	1029614.24	999852.172	2711.138	EJE
1218	1029616.46	999851.54	2711.019	BV
1219	1029617.72	999847.004	2710.826	CONTADOR
1220	1029617.54	999845.147	2710.578	CERCO_VIVO
1221	1029617.23	999843.279	2710.546	ACCESO
1222	1029616.9	999837.119	2710.337	ACCESO
1223	1029619.93	999840.544	2709.87	ACCESO
1224	1029620.72	999842.397	2710.146	ACCESO
1225	1029619.24	999846.691	2709.748	ACCESO

1226	1029616.94	999837.002	2710.34	CERCO_VIVO
1227	1029615.89	999840.075	2710.397	BV
1228	1029614.38	999840.133	2710.432	EJE
1229	1029612.19	999840.622	2710.358	BV
1230	1029611.25	999840.373	2710.414	TN
1231	1029610.69	999840.38	2711.114	TN
1232	1029610.37	999833.667	2710.393	M_CONTADOR
1233	1029610.6	999833.169	2710.401	M_CONTADOR
1234	1029610.59	999832.94	2710.719	LIN
1235	1028847.92	999537.219	2614.174	O_TRAMO_5_CHIA
1236	1028845.76	999534.817	2613.781	BV
1237	1028848.81	999540.113	2614.369	BV
1238	1028848.4	999540.928	2614.523	LIN
1239	1028842.82	999534.58	2614.208	LIN
1240	1028843.05	999535.925	2614.292	LIN
1241	1028835.22	999541.156	2613.512	LIN
1242	1028835.54	999541.636	2613.452	POSTE
1243	1028835.46	999542.104	2613.398	BV
1244	1028835.87	999543.107	2613.356	EJE
1245	1028836.83	999544.49	2613.483	BV
1246	1028837.49	999544.786	2613.636	LIN
1247	1028831.81	999546.717	2613.262	ARB
1248	1028823.88	999546.208	2612.465	LIN
1249	1028823.93	999546.794	2612.528	BV
1250	1028824.17	999547.804	2612.523	EJE
1251	1028824.61	999548.955	2612.599	BV
1252	1028825.51	999549.409	2612.793	LIN
1253	1028823.69	999550.037	2612.875	LIN
1254	1028815.38	999549.627	2611.896	CONTADOR
1255	1028812.89	999550.53	2611.933	LIN
1256	1028813.04	999551.203	2611.98	BV
1257	1028813.22	999552.116	2611.989	EJE
1258	1028813.71	999553.543	2612.132	BV
1259	1028811.8	999555.189	2611.994	LIN
1260	1028811.8	999555.189	2611.994	PARAMENT
1261	1028804.66	999553.715	2611.479	LIN
1262	1028804.27	999554.017	2611.595	CONTADOR
1263	1028804.19	999554.056	2611.573	CONTADOR
1264	1028804.1	999554.581	2611.633	BV
1265	1028804.44	999555.66	2611.621	EJE
1266	1028804.82	999557.005	2611.682	BV
1267	1028805.29	999557.814	2611.964	PARAMENT
1268	1028799.57	999559.984	2611.702	PARAMENT
1269	1028799.58	999560.016	2611.771	ACCESO
1270	1028798.08	999560.581	2611.748	ACCESO
1271	1028798.04	999560.572	2611.746	PARAMENT
1272	1028798.22	999560.404	2611.819	CONTADOR

1273	1028796.65	999560.327	2611.423	BV
1274	1028796.21	999559.378	2611.214	EJE
1275	1028795.42	999557.735	2611.265	BV
1276	1028794.92	999557.008	2611.135	LIN
1277	1028792.06	999558.025	2611.142	LIN
1278	1028791.89	999558.148	2611.171	TN
1279	1028791.56	999558.383	2610.897	TN
1280	1028791.85	999558.744	2610.917	TN
1281	1028792.16	999558.903	2611.26	TN
1282	1028789.62	999560.507	2611.157	TN
1283	1028788.95	999559.868	2610.584	TN
1284	1028789.72	999559.346	2610.602	TN
1285	1028788.36	999560.242	2611.008	LIN
1286	1028789.91	999560.548	2611.201	BV
1287	1028783.81	999561.477	2610.79	LIN
1288	1028784.19	999562.487	2611.154	BV
1293	1028782.66	999563.835	2611.082	EJE
1294	1028764.5	999569.278	2610.742	
1295	1028763.04	999568.017	2610.629	BV
1296	1028762.72	999566.607	2610.539	LIN
1297	1028765.89	999571.241	2610.796	BV
1298	1028765.64	999572.36	2610.642	PARAMENT
1299	1028771.04	999565.048	2610.921	LIN
1300	1028771.14	999565.575	2611.006	BV
1301	1028771.32	999567.228	2610.937	EJE
1302	1028772.39	999569.106	2611.081	BV
1303	1028772.27	999569.514	2611.352	PARAMENT
1304	1028772.3	999569.593	2611.059	ACCESO
1305	1028768.99	999570.439	2610.941	CONTADOR
1306	1028764.62	999569.999	2610.646	TN
1307	1028764.89	999570.388	2610.336	TN
1308	1028763.62	999570.504	2609.998	TN
1309	1028763.27	999570.088	2610.26	TN
1310	1028760.53	999567.758	2609.847	TN
1311	1028760.43	999567.843	2609.573	TN
1312	1028758.19	999566.281	2609.67	LIN
1313	1028756.83	999568.642	2609.693	LIN
1314	1028759.2	999570.282	2610.17	LIN
1315	1028760.77	999573.109	2609.968	LIN
1316	1028761.61	999574.347	2609.821	LIN
1317	1028762.61	999574.566	2609.638	PARAMENT
1318	1028765.07	999572.706	2610.711	PARAMENT
1319	1028765.72	999570.721	2610.796	P_DURO
1320	1028765.94	999571.601	2610.814	P_DURO
1321	1028763.09	999573.57	2609.943	P_DURO
1322	1028761.13	999572.935	2609.942	P_DURO
1323	1028761.71	999574.431	2609.809	P_DURO

1324	1028763.45	999571.479	2610.233	P_DURO
1325	1028761.11	999569.595	2609.949	TN
1326	1028758.92	999567.74	2609.615	TN
1327	1029023.83	999591.909	2652.286	_TRAMO_4_CHIA
1328	1029023.81	999589.685	2652.26	
1329	1029023.5	999588.92	2653.082	TN
1330	1029024.74	999593.312	2652.282	BV
1331	1029024.93	999594.469	2652.205	LIN
1332	1029017.26	999593.544	2652.153	POSTE
1333	1029010.78	999594.2	2651.769	LIN
1334	1029010.44	999593.636	2651.317	BV
1335	1029010.37	999592.43	2651.221	EJE
1336	1029010.18	999591.032	2651.007	BV
1337	1029010.08	999590.497	2651.032	TN
1338	1029010.07	999590.248	2652.003	TN
1339	1029004.23	999590.543	2652.207	M_CONTADOR
1340	1028998.72	999595.753	2649.617	LIN
1341	1029003.26	999590.145	2651.441	M_CONTADOR
1342	1029003.02	999591.348	2650.082	BV
1343	1029003.15	999592.769	2650.093	EJE
1344	1029003.2	999594.529	2650.189	BV
1345	1029003.21	999595.186	2650.356	LIN
1346	1028992.42	999596.632	2648.268	LIN
1347	1028992.4	999596.133	2648.165	BV
1348	1028992.67	999594.486	2648.161	EJE
1349	1028992.53	999592.655	2648.086	BV
1350	1028992.55	999592.282	2648.747	TN
1351	1028987.93	999591.206	2647.778	TN
1352	1028987.77	999591.688	2646.972	BV
1353	1028987.11	999593.106	2647.085	EJE
1354	1028986.38	999595.101	2647.08	BV
1355	1028986.33	999596.029	2647.251	TN
1356	1028986.51	999596.9	2647.379	LIN
1357	1028978.86	999589.229	2645.752	POSTE
1358	1028978.24	999589.949	2645.406	TN
1359	1028979.45	999589.084	2645.569	BV
1360	1028979.77	999588.147	2645.464	EJE
1361	1028980.61	999587.167	2645.29	BV
1362	1028981.22	999586.879	2645.287	TN
1363	1028981.92	999586.701	2645.788	TN
1364	1028972.8	999576.885	2643.47	TN
1365	1028972.42	999577.199	2642.857	TN
1366	1028972.01	999577.337	2642.818	BV
1367	1028971.08	999578.062	2642.911	EJE
1368	1028969.74	999578.979	2643	BV
1369	1028969.2	999579.265	2643.237	TN
1370	1028961.87	999570.055	2640.269	TN

1371	1028962.36	999569.664	2640.796	TN
1372	1028962.69	999569.221	2640.673	BV
1373	1028964.01	999568.604	2640.663	EJE
1374	1028965.1	999567.901	2640.503	BV
1375	1028965.63	999567.584	2640.465	TN
1376	1028966.18	999567.566	2641.251	TN
1377	1028955.59	999560.592	2638.112	TN
1378	1028955.93	999560.233	2638.403	TN
1379	1028956.63	999560.015	2638.422	BV
1380	1028957.86	999559.287	2638.383	EJE
1381	1028959.04	999558.002	2638.298	BV
1382	1028959.54	999557.682	2638.284	TN
1383	1028960.29	999557.034	2638.966	TN
1384	1028956.92	999553.539	2637.22	ACCESO
1385	1028956.35	999551.661	2637.112	ACCESO
1386	1028956.51	999550.104	2637.632	ACCESO
1387	1028957.34	999550.403	2637.739	ACCESO
1388	1028956.81	999554.135	2637.333	BV
1389	1028955.6	999552.001	2636.809	BV
1390	1028952.49	999542.528	2635.575	M_CONTADOR
1391	1028951.99	999541.685	2635.464	M_CONTADOR
1392	1028947.97	999544.203	2635.003	TN
1393	1028947.49	999544.298	2634.486	TN
1394	1028950.93	999542.59	2634.756	BV
1395	1028946.8	999541.821	2634.518	POSTE
1396	1028948.11	999543.12	2634.818	BV
1397	1028951.24	999541.803	2634.589	CUNETAS
1398	1028944.35	999537.13	2633.334	M_CONTADOR
1399	1028943.62	999535.895	2632.963	M_CONTADOR
1400	1028941.49	999533.218	2632.12	LIN
1401	1028941.47	999532.431	2632.107	M_CONTADOR
1402	1028941.19	999531.776	2632.063	M_CONTADOR
1403	1028941.29	999531.408	2631.949	BV
1404	1028941.93	999530.173	2631.819	EJE
1405	1028943.66	999529.126	2631.929	BV
1406	1028943.77	999528.94	2631.802	CUNETAS
1407	1028944.4	999528.59	2632.796	TN
1408	1028943.68	999528.072	2631.785	CONTADOR
1409	1028848.91	999529.817	2613.677	AUX-1
1412	1028928.66	999520.231	2628.85	LIN
1413	1028935.68	999525.017	2630.428	LIN
1414	1028935.97	999524.767	2630.245	BV
1415	1028936.99	999523.701	2630.246	EJE
1416	1028938.27	999522.45	2630.249	BV
1417	1028938.61	999522.344	2630.039	CUNETAS
1418	1028939.14	999522.288	2630.71	TN
1419	1028931.41	999515.413	2628.884	M_CONTADOR

1420	1028930.25	999514.694	2628.788	M_CONTADOR
1421	1028928.68	999518.145	2628.593	ACCESO
1422	1028928.42	999519.067	2627.849	ACCESO
1423	1028926.28	999516.977	2628.19	ACCESO
1424	1028926.19	999518.229	2627.805	ACCESO
1425	1028926.22	999517.449	2628.156	POSTE
1426	1028925.44	999517.993	2628.183	LIN
1427	1028920.76	999510.243	2627.697	ACCESO
1428	1028913.6	999507.626	2626.546	ACCESO
1429	1028915.55	999504.502	2627.508	ACCESO
1430	1028918.9	999506.902	2627.625	ACCESO
1431	1028922.46	999507.687	2628.304	ACCESO
1432	1028922.56	999509.917	2628.15	ACCESO
1433	1028919.53	999510.223	2627.257	ACCESO
1434	1028913.73	999508.026	2626.67	BV
1435	1028913.41	999507.584	2626.613	PARAMENT
1436	1028919.97	999510.696	2627.375	BV
1437	1028919.63	999511.979	2627.366	EJE
1438	1028918.83	999513.483	2627.336	BV
1439	1028918.55	999513.917	2627.437	LIN
1440	1028920.65	999510.73	2627.368	CUNETAS
1441	1028915.7	999512.543	2627.047	LIN
1442	1028897.44	999506.869	2624.656	LIN
1443	1028901.01	999506.98	2625.447	LIN
1444	1028902.09	999502.56	2625.457	POSTE
1445	1028902.3	999502.403	2625.604	PARAMENT
1446	1028901.8	999502.652	2625.467	BV
1447	1028901.07	999504.192	2625.344	EJE
1448	1028900.25	999506.169	2625.248	BV
1449	1028897.19	999506.215	2624.656	BV
1450	1028897.2	999507.089	2624.589	ACCESO
1451	1028895.25	999509.368	2624.261	ACCESO
1452	1028896.31	999503.76	2624.715	EJE
1453	1028894.95	999502.33	2624.519	BV
1454	1028894.01	999501.511	2624.379	TN
1455	1028894.02	999501.595	2624.369	TN
1456	1028892.85	999500.71	2624.26	TN
1457	1028895.88	999499.497	2624.776	BV
1458	1028901.37	999501.877	2625.469	BV
1459	1028906.88	999493.055	2626.41	BV
1460	1028902.64	999489.826	2626.209	BV
1461	1028905.58	999485.062	2626.577	BV
1462	1028909.57	999487.14	2626.939	BV
1463	1028896.27	999501.335	2624.804	BV
1464	1028894.62	999500.146	2624.798	TN
1465	1028890.97	999513.014	2623.187	LIN
1466	1028891.09	999512.995	2623.21	PARAMENT

1467	1028890.7	999512.586	2623.156	BV
1468	1028889.86	999511.68	2623.035	EJE
1469	1028888.2	999509.821	2622.96	BV
1470	1028887.78	999509.207	2623.03	TN
1471	1028886.45	999508.397	2623.062	TN
1472	1028890.46	999513.623	2623.017	ACCESO
1473	1028888.45	999515.439	2622.658	ACCESO
1474	1028888.23	999515.692	2622.551	CONTADOR
1475	1028887.08	999516.835	2622.161	ACCESO
1476	1028886.43	999517.802	2622.039	ACCESO
1477	1028886.36	999517.819	2622.048	PARAMENT
1478	1028883.17	999521.322	2621.189	PARAMENT
1479	1028883.21	999520.944	2621.11	POSTE
1480	1028881.83	999520.763	2620.841	BV
1481	1028880.51	999519.695	2620.732	EJE
1482	1028878.97	999518.772	2620.511	BV
1483	1028877.95	999518.748	2620.389	ACCESO
1484	1028876.86	999518.128	2620.124	ACCESO
1485	1028876.16	999516.25	2620.064	ACCESO
1486	1028871.18	999517.233	2619.928	ACCESO
1487	1028872.64	999522.848	2619.417	ACCESO
1488	1028872.96	999523.523	2619.302	BV
1489	1028874.24	999524.997	2619.346	EJE
1490	1028875.24	999525.921	2619.413	BV
1491	1028875.19	999528.357	2619.476	PARAMENT
1492	1028875.64	999528.488	2619.567	PARAMENT
1493	1028875.79	999528.401	2619.581	ACCESO
1494	1028876.95	999527.435	2619.614	ACCESO
1495	1028876.95	999527.435	2619.614	PARAMENT
1496	1028877.24	999527.138	2619.77	ACCESO
1497	1028879.36	999525.008	2619.89	ACCESO
1498	1028879.4	999524.781	2620.443	PARAMENT
1499	1028880.08	999524.242	2620.364	PARAMENT
1500	1028880	999523.738	2620.435	PARAMENT
1501	1028870.97	999532.169	2618.521	PARAMENT
1502	1028870.16	999531.913	2618.108	BV
1503	1028869.06	999530.786	2618.004	EJE
1504	1028867.73	999529.365	2617.858	BV
1505	1028867.41	999529.094	2617.815	TN
1506	1028866.96	999528.443	2618.091	TN
1507	1028866.69	999528.064	2618.316	TN
1508	1028866.08	999537.233	2616.956	PARAMENT
1509	1028866.28	999537.501	2616.845	ACCESO
1510	1028864.17	999539.639	2616.78	ACCESO
1511	1028863.95	999540.065	2616.601	LIN
1512	1028863.83	999543.499	2615.795	LIN
1513	1028863.95	999547.086	2615.661	LIN

1514	1028863.78	999546.927	2615.743	ACCESO
1515	1028863.84	999543.615	2615.762	ACCESO
1516	1028863.77	999542.196	2616.08	M_CONTADOR
1517	1028863.71	999542.745	2615.995	M_CONTADOR
1518	1028862.55	999540.022	2616.091	BV
1519	1028861.52	999538.618	2616.053	EJE
1520	1028860.17	999537.132	2615.91	BV
1521	1028859.92	999536.751	2615.77	TN
1522	1028859.18	999536.542	2616.616	TN
1523	1028857	999538.415	2615.29	POSTE
1524	1028856.83	999537.153	2616.236	TN
1525	1028856.73	999538.737	2615.153	BV
1526	1028858.27	999541.835	2615.388	O_TRAMO_4_CHIA
1527	1028861.64	999547.427	2615.257	BV
1528	1028861.76	999544.481	2615.386	BV
1529	1028861.75	999543.6	2615.471	ACCESO
1530	1028861.68	999547	2615.261	ACCESO
1531	1028860.36	999557.645	2614.669	BV
1532	1028864.46	999556.112	2614.638	BV
1533	1028861.88	999549.984	2615.184	BV
1534	1028856.69	999551.181	2615.116	BV
1535	1028853.66	999545.322	2615.089	BV
1536	1028856.89	999543.226	2615.272	MH
1537	1028857.84	999542.499	2615.308	BV
1538	1028853.26	999535.603	2614.555	BV
1539	1028848.66	999538.051	2614.347	BV
1540	1028850.29	999540.979	2614.674	BV
1541	1028845.56	999533.288	2613.683	BV
1542	1028837.63	999522.642	2612.129	BV
1543	1028840.7	999520.214	2612.44	BV
1544	1028524.69	999245.144	2604.039	BV
1545	1028522.2	999248.604	2603.889	BV
1546	1028518.52	999245.553	2603.832	BV
1547	1028519.93	999241.232	2604.159	BV
1548	1028514.02	999245.957	2603.596	BV
1549	1028510.52	999247.582	2603.258	BV
1550	1028506.15	999251.549	2602.515	BV
1551	1028501.26	999247.769	2602.898	BV
1552	1028510.21	999237.978	2604.341	BV
1553	1028517.35	999238.333	2604.402	BV
1554	1028516.09	999234.837	2604.721	BV
1555	1028512.63	999232.722	2605.028	BV
1556	1028513.94	999232.123	2605.096	O_TRAMO_7_CHIA
1557	1028512.11	999232.452	2605.189	POSTE
1558	1028511.42	999232.559	2605.073	LIN
1559	1028512.46	999232.346	2605.058	BV
1560	1028515.6	999232.447	2605.074	BV

1561	1028516.94	999232.228	2605.217	TN
1562	1028512.24	999229.817	2605.363	SUMIDERO
1563	1028512.79	999229.694	2605.357	SUMIDERO
1564	1028512.64	999229.108	2605.377	SUMIDERO
1565	1028512.09	999229.211	2605.336	SUMIDERO
1566	1028511.57	999229	2605.358	CUNETA
1567	1028511.78	999228.961	2605.536	TN
1568	1028510.61	999226.005	2605.749	LIN
1569	1028510.77	999225.607	2605.573	CUNETA
1570	1028511.27	999225.337	2605.733	BV
1571	1028513.14	999224.51	2605.921	EJE
1572	1028514.55	999223.668	2606.133	BV
1573	1028513.38	999220.119	2606.366	BV
1574	1028513.52	999220.154	2606.368	ACCESO
1575	1028515.88	999225.554	2605.99	ACCESO
1576	1028515.67	999225.832	2605.854	BV
1577	1028518.37	999216.729	2607.532	ACCESO
1578	1028521.01	999217.894	2607.589	ACCESO
1579	1028515.68	999217.87	2607.271	LIN
1580	1028513.64	999218.606	2606.515	TN
1581	1028513.19	999218.653	2606.355	CUNETA
1582	1028513.66	999219.609	2606.14	CUNETA
1583	1028512.5	999219.171	2606.443	BV
1584	1028510.45	999219.697	2606.382	EJE
1585	1028508.57	999220.492	2606.146	BV
1586	1028507.89	999220.477	2605.842	CUNETA
1587	1028507.64	999220.639	2606.117	LIN
1588	1028507.51	999220.577	2606.252	P_DURO
1589	1028508.14	999220.214	2606.218	P_DURO
1590	1028504.2	999213.613	2606.871	P_DURO
1591	1028503.42	999213.812	2606.929	P_DURO
1592	1028503.36	999213.891	2606.953	LIN
1593	1028503.45	999214.077	2606.961	ACCESO
1594	1028503.61	999213.545	2606.692	CUNETA
1595	1028506.85	999219.735	2606.411	ACCESO
1596	1028501.75	999211.021	2607.244	LIN
1597	1028502.01	999210.847	2607.021	CUNETA
1598	1028500.62	999207.759	2607.359	BV
1599	1028500.25	999208.061	2607.2	CUNETA
1600	1028499.82	999208.231	2607.348	LIN
1601	1028502.45	999206.885	2607.464	EJE
1602	1028504.3	999205.771	2607.577	BV
1603	1028504.87	999205.285	2607.614	TN
1604	1028505.78	999204.583	2607.982	ACCESO
1605	1028505.69	999204.477	2607.993	MURO
1606	1028507.72	999207.217	2607.684	ACCESO
1607	1028507.87	999207.293	2607.776	LIN

1608	1028507.97	999207.272	2607.785	ACCESO
1609	1028508.66	999208.398	2607.776	ACCESO
1610	1028508.68	999208.489	2607.779	LIN
1611	1028507.59	999209.093	2607.251	CUNETAS
1612	1028495.03	999200.283	2608.297	LIN
1613	1028495.31	999199.952	2608.341	POSTE
1614	1028495.37	999199.906	2608.33	ACCESO
1615	1028490.93	999193.637	2608.778	ACCESO
1616	1028487.99	999196.945	2608.764	ACCESO
1617	1028493.78	999199.131	2608.518	ACCESO
1618	1028494.49	999196.938	2608.347	BV
1619	1028496.66	999196.558	2608.33	EJE
1620	1028498.04	999195.905	2608.281	BV
1621	1028498.84	999195.72	2608.212	TN
1622	1028499	999195.561	2608.434	LIN
1623	1028500.57	999197.495	2608.309	LIN
1624	1028500.81	999197.616	2608.266	MURO
1625	1028496.16	999199.446	2608.075	BV
1626	1028491.51	999193.125	2608.717	BV
1627	1028490.27	999194.513	2608.754	PARAMENT
1628	1028489.91	999193.679	2609.024	CONTADOR
1629	1028490.58	999193.214	2608.994	TN
1630	1028490.86	999192.973	2608.725	BV
1631	1028492.5	999191.543	2608.913	EJE
1632	1028494.04	999190.712	2608.959	BV
1633	1028494.68	999189.566	2609.077	LIN
1634	1028494.66	999189.419	2609.052	ACCESO
1635	1028492.98	999187.221	2609.372	ACCESO
1636	1028492.29	999186.259	2609.594	M_CONTADOR
1637	1028491.61	999185.51	2609.731	M_CONTADOR
1638	1028491.77	999185.398	2609.921	LIN
1639	1028489	999182.187	2610.407	LIN
1640	1028486.93	999181.854	2610.086	BV
1641	1028485.76	999182.988	2610.117	EJE
1642	1028484.25	999184.188	2609.938	BV
1643	1028483.9	999184.516	2609.886	TN
1644	1028483.61	999184.775	2610.159	TN
1645	1028483.65	999186.886	2609.832	PARAMENT
1646	1028483.49	999186.712	2609.771	LIN
1647	1028486.42	999181.161	2610.226	ACCESO
1648	1028487.35	999180.774	2610.653	ACCESO
1649	1028485.93	999178.299	2610.827	ACCESO
1650	1028483.76	999178.083	2610.826	ACCESO
1651	1028482.35	999174.248	2611.932	M_CONTADOR
1652	1028481.95	999173.677	2611.999	M_CONTADOR
1653	1028480.34	999172.088	2612.257	M_CONTADOR
1654	1028479.62	999171.447	2612.371	M_CONTADOR

1655	1028478.07	999170.923	2612.211	MH
1656	1028479.3	999171.942	2611.84	TN
1657	1028479.05	999172.462	2611.872	BV
1658	1028477.64	999173.758	2611.863	EJE
1659	1028476.24	999174.968	2611.713	BV
1660	1028475.99	999175.19	2611.631	TN
1661	1028475.59	999175.563	2611.819	TN
1662	1028474.3	999176.103	2611.917	LIN
1663	1028483.61	999176.097	2611.537	TN
1664	1028466.38	999166.868	2613.552	LIN
1665	1028468.36	999166.434	2614.016	POSTE
1666	1028469.14	999166.778	2613.348	TN
1667	1028469.86	999166.118	2613.414	BV
1668	1028471.23	999165.224	2613.483	EJE
1669	1028472.91	999164.161	2613.465	BV
1670	1028473.65	999163.679	2613.42	TN
1671	1028474.49	999163.917	2613.941	TN
1672	1028470.47	999161.184	2614.136	MH
1673	1028467.53	999163.835	2613.909	ACCESO
1674	1028466.31	999165.145	2613.79	ACCESO
1675	1028464.27	999161.749	2614.265	ACCESO
1676	1028466.38	999157.226	2614.58	ACCESO
1677	1028467.35	999156.949	2614.73	BV
1678	1028469.27	999156.478	2614.77	EJE
1679	1028471.37	999156.24	2614.79	BV
1680	1028472.4	999156.258	2614.948	TN
1681	1028473.22	999156.312	2615.459	TN
1682	1028472.74	999140.04	2617.565	BV
1683	1028473.62	999139.644	2617.765	ACCESO
1684	1028474.42	999139.958	2617.992	ACCESO
1685	1028475.9	999137.037	2618.266	ACCESO
1686	1028473.59	999135.177	2618.394	ACCESO
1687	1028472.45	999134.827	2618.449	BV
1688	1028470.21	999134.748	2618.471	EJE
1689	1028467.74	999135.015	2618.47	BV
1690	1028466.83	999134.978	2618.371	TN
1691	1028465.94	999135.205	2619.017	TN
1692	1028465.21	999129.488	2619.789	POSTE
1693	1028464.9	999129.918	2619.945	TN
1694	1028465.91	999128.707	2619.911	BV
1695	1028467.7	999127.466	2620.007	EJE
1696	1028468.5	999127.107	2619.981	MH
1697	1028469.48	999126.377	2619.987	BV
1698	1028470.58	999125.952	2619.981	TN
1699	1028471.21	999125.694	2620.609	TN
1700	1028465.19	999118.483	2621.974	TN
1701	1028464.43	999119.135	2621.325	TN

1702	1028463.88	999119.702	2621.427	BV
1703	1028462.33	999120.975	2621.499	EJE
1704	1028460.46	999122.63	2621.384	BV
1705	1028460.04	999122.838	2621.345	TN
1706	1028459.67	999123.507	2621.689	TN
1707	1028443.07	999111.855	2625.621	TN
1708	1028443.43	999111.037	2624.839	TN
1709	1028443.65	999110.743	2624.971	BV
1710	1028444.58	999109.33	2625.034	EJE
1711	1028445.78	999107.928	2624.979	BV
1712	1028447.19	999107.107	2625.379	TN
1713	1028446.33	999107.339	2624.968	TN
1714	1028440.83	999108.492	2625.579	ACCESO
1715	1028440.32	999109.382	2625.721	ACCESO
1716	1028441.73	999110.883	2625.668	TN
1717	1028440.15	999111.188	2625.798	ACCESO
1718	1028436.85	999108.377	2626.194	ACCESO
1719	1028437.19	999106.381	2626.335	ACCESO
1720	1028437.39	999105.736	2626.464	BV
1721	1028436.29	999107.497	2626.993	CONTADOR
1722	1028436.57	999107.799	2627.001	CONTADOR
1723	1028433.5	999102.308	2628.622	TN
1724	1028433.97	999101.847	2627.389	TN
1725	1028434.26	999101.19	2627.483	BV
1726	1028436	999100.147	2627.53	EJE
1727	1028437.71	999098.619	2627.582	BV
1728	1028438.78	999097.892	2627.57	TN
1729	1028439.3	999097.604	2627.993	TN
1730	1028436.69	999092.187	2628.93	TN
1731	1028436.73	999092.13	2628.81	TN
1732	1028435.94	999091.856	2628.957	BV
1733	1028434.59	999092.127	2628.861	MH
1734	1028433.38	999092.238	2628.888	EJE
1735	1028431.09	999092.435	2628.877	BV
1736	1028430.42	999092.523	2628.845	TN
1737	1028429.83	999092.464	2629.586	TN
1738	1028430.59	999097.139	2629.162	POSTE
1739	1028432.88	999078.932	2630.993	POSTE
1740	1028433.44	999079.281	2630.743	TN
1741	1028433.85	999079.332	2630.809	BV
1742	1028436.35	999080.194	2630.77	EJE
1743	1028439.47	999080.798	2630.745	BV
1744	1028440	999081.134	2630.784	TN
1745	1028440.03	999081.124	2630.781	TN
1746	1028440.35	999081.312	2631.238	TN
1747	1028435.09	999076.716	2631.379	ACCESO
1748	1028432.6	999074.518	2631.853	ACCESO

1749	1028433.57	999071.177	2632.274	ACCESO
1750	1028437.83	999070.862	2632.277	ACCESO
1751	1028438	999067.188	2632.988	TN
1752	1028439.04	999067.346	2632.74	TN
1753	1028439.54	999067.469	2632.862	BV
1754	1028441.46	999068.327	2632.841	EJE
1755	1028443.92	999069.587	2632.687	BV
1756	1028444.24	999070.536	2632.415	TN
1757	1028445.05	999071.052	2632.893	TN
1758	1028447.29	999062.299	2633.925	BV
1759	1028447.31	999062.312	2633.925	ACCESO
1760	1028448.51	999062.984	2634.208	ACCESO
1761	1028450.67	999058.875	2634.641	ACCESO
1762	1028449.44	999058.07	2634.71	ACCESO
1763	1028449.06	999057.911	2634.723	BV
1764	1028450.69	999057.922	2634.879	LIN
1765	1028446.69	999056.753	2635.008	TRAMO_7_Y
1766	1028442.28	999058.875	2634.499	BV
1767	1028439.86	999059.023	2634.403	TN
1768	1028438.18	999055.052	2635.474	TN
1769	1028440.44	999053.637	2635.633	BV
1770	1028438.04	999051.306	2636.404	BV
1771	1028437.48	999052.273	2636.859	POSTE
1772	1028436.06	999052.022	2636.834	LIN
1773	1028437.82	999049.443	2636.697	EJE
1774	1028438.34	999047.931	2636.858	BV
1775	1028438.53	999047.36	2637.278	LIN
1776	1028444.59	999049.252	2636.601	LIN
1777	1028444.23	999050.421	2636.067	BV
1778	1028446.93	999050.393	2636.031	BV
1779	1028446.61	999049.728	2636.479	LIN
1780	1028449.39	999051.376	2636.033	EJE
1781	1028451.57	999051.768	2635.972	BV
1782	1028452.25	999052.021	2635.964	TN
1783	1028452.84	999052.061	2636.271	LIN
1784	1028455.77	999045.947	2637.439	LIN
1785	1028457.92	999043.019	2638.106	TN
1786	1028457.45	999042.705	2638.423	TN
1787	1028456.76	999042.221	2638.458	BV
1788	1028455.12	999041.21	2638.554	EJE
1789	1028452.85	999040.871	2638.521	BV
1790	1028452.75	999040.866	2638.496	ACCESO
1791	1028451.43	999040.567	2639.084	ACCESO
1792	1028451.43	999040.57	2639.089	LIN
1793	1028453.53	999036.448	2639.617	LIN
1794	1028453.43	999036.563	2639.49	ACCESO
1795	1028456.16	999033.191	2640.48	POSTE

1796	1028455.69	999033.055	2640.547	LIN
1797	1028456.38	999034.829	2639.841	TN
1798	1028457.06	999035.588	2639.701	BV
1799	1028458.31	999037.467	2639.655	EJE
1800	1028459.28	999039.142	2639.464	BV
1801	1028459.73	999040.052	2639.306	TN
1802	1028460	999040.355	2639.603	TN
1803	1028467.55	999040.194	2640.337	TN
1804	1028467.71	999039.433	2640.599	TN
1805	1028467.85	999038.521	2640.704	BV
1806	1028468.14	999036.681	2640.901	EJE
1807	1028468.29	999034.499	2640.992	BV
1808	1028468.05	999033.762	2640.816	TN
1809	1028467.83	999033.396	2641.693	TN
1810	1028477.49	999035.807	2641.677	TN
1811	1028477.61	999034.518	2642.792	TN
1812	1028478.85	999034.388	2641.826	POSTE
1813	1028482.21	999036.035	2642.026	TN
1814	1028482.36	999034.777	2642.066	TN
1815	1028482.39	999036.916	2642.112	TN
1816	1028489.67	999037.842	2642.638	TN
1817	1028489.97	999036.734	2642.505	TN
1818	1028489.39	999035.278	2642.792	TN
1819	1028489.24	999034.621	2643.186	TN
1820	1028497.67	999035.381	2644.096	TN
1821	1028497.8	999036.083	2643.043	TN
1822	1028497.9	999037.401	2643.085	TN
1823	1028500.11	999037.442	2643.483	POSTE
1824	1028502.99	999035.462	2644.36	TN
1825	1028507.94	999038.234	2644.038	TN
1826	1028507.23	999040.224	2643.936	TN
1827	1028506.15	999043.324	2644.198	TN
1828	1028507.76	999045.774	2644.706	TN
1829	1028507.4	999046.057	2644.251	TN
1830	1028506.22	999043.773	2643.808	TN
1831	1028505.82	999043.953	2643.977	TN
1832	1028504.65	999041.995	2643.819	TN
1833	1028505.41	999039.345	2643.697	TN
1834	1028504.47	999037.391	2643.814	TN
1835	1028504.71	999043.305	2643.926	BV
1836	1028501.95	999040.554	2643.652	BV
1837	1028498.17	999039.336	2643.262	BV
1838	1028493.1	999038.323	2642.881	BV
1839	1028482.75	999036.524	2642.122	BV
1840	1028482.27	999038.56	2641.989	EJE
1841	1028481.95	999040.742	2641.788	BV
1842	1028481.9	999041.337	2641.774	TN

1843	1028481.79	999042.079	2642.068	TN
1844	1028492.46	999040.724	2642.751	EJE
1845	1028491.94	999042.626	2642.502	BV
1846	1028491.79	999043.336	2642.417	TN
1847	1028491.55	999043.84	2642.364	TN
1848	1028499.11	999047.562	2643.027	TN
1849	1028499.89	999046.945	2643.259	TN
1850	1028500.32	999046.039	2643.386	BV
1851	1028502.11	999044.363	2643.726	EJE
1852	1028508.12	999047.627	2644.421	BV
1853	1028506.91	999049.049	2644.301	EJE
1854	1028506.07	999050.357	2644.247	BV
1855	1028505.62	999050.957	2644.248	TN
1856	1028505.59	999050.976	2644.373	TN
1857	1028505.5	999051.525	2644.371	TN
1858	1028517.79	999061.347	2645.693	TN
1859	1028518.2	999060.885	2646.069	TN
1860	1028518.67	999060.322	2646.12	BV
1861	1028519.65	999059.244	2646.218	EJE
1862	1028520.51	999058.033	2646.277	BV
1863	1028521.23	999057.158	2646.255	TN
1864	1028521.43	999056.783	2646.716	TN
1865	1028529.06	999062.46	2647.669	TN
1866	1028528.93	999062.645	2647.396	TN
1867	1028528.97	999063.211	2647.424	BV
1868	1028529.08	999064.724	2647.538	EJE
1869	1028528.55	999064.716	2647.509	MH
1870	1028528.2	999066.004	2647.465	BV
1871	1028527.96	999066.755	2647.48	TN
1872	1028527.3	999067.433	2646.971	TN
1873	1028528.85	999067.065	2647.63	POSTE
1874	1028536.04	999070.284	2648.359	TN
1875	1028536.3	999069.461	2648.46	TN
1876	1028536.88	999068.836	2648.533	BV
1877	1028537.1	999066.887	2648.607	EJE
1878	1028536.98	999064.82	2648.625	BV
1879	1028536.66	999064.305	2648.882	TN
1880	1028536.5	999063.241	2648.657	M_CONTADOR
1881	1028537.42	999063.472	2649.052	M_CONTADOR
1882	1028538.39	999063.464	2649.813	TN
1883	1028547.68	999065.503	2650.18	BV
1884	1028547.68	999065.503	2650.18	ACCESO
1885	1028548.27	999064.296	2650.384	ACCESO
1886	1028546.4	999063.237	2650.687	ACCESO
1887	1028547.48	999061.721	2650.872	ACCESO
1888	1028553.67	999064.914	2651.065	ACCESO
1889	1028553.67	999064.914	2651.065	BV

1890	1028553.67	999063.454	2651.51	TN
1891	1028553.59	999066.533	2650.928	EJE
1892	1028554.46	999068.416	2651.037	BV
1893	1028554.73	999069.452	2650.81	LIN
1894	1028547.52	999069.187	2650.142	LIN
1895	1028560.14	999064.535	2652.787	M_CONTADOR
1896	1028560.73	999064.126	2652.902	M_CONTADOR
1897	1028560.59	999064.613	2652.407	TN
1898	1028562.3	999065.662	2652.59	BV
1899	1028562.48	999066.596	2652.574	EJE
1900	1028562.65	999068.161	2652.578	BV
1901	1028562.49	999069.431	2652.722	TN
1902	1028564.28	999065.144	2653.006	BV
1903	1028564.28	999065.144	2653.006	ACCESO
1904	1028563.85	999064.062	2653.25	ACCESO
1905	1028562.79	999063.384	2653.379	ACCESO
1906	1028563.44	999062.247	2653.337	ACCESO
1907	1028566.37	999064.998	2653.403	ACCESO
1908	1028566.37	999064.998	2653.403	BV
1909	1028565.9	999063.375	2653.636	POSTE
1910	1028566.71	999063.48	2654.024	TN
1911	1028577.93	999064.76	2655.792	BV
1912	1028577.93	999064.76	2655.792	ACCESO
1913	1028576.23	999063.709	2656.137	ACCESO
1914	1028577.98	999062.14	2656.392	ACCESO
1915	1028581.26	999064.079	2656.365	ACCESO
1916	1028581.45	999064.119	2656.363	BV
1917	1028579.69	999063.057	2656.56	CONTADOR
1918	1028580.65	999063.256	2656.573	M_CONTADOR
1919	1028581.51	999063.224	2656.771	M_CONTADOR
1920	1028581.97	999065.291	2656.424	EJE
1921	1028582.19	999066.888	2656.438	BV
1922	1028582.18	999067.663	2656.463	TN
1923	1028589.02	999063.351	2658.012	M_CONTADOR
1924	1028590.11	999063.446	2658.097	M_CONTADOR
1925	1028590.41	999063.684	2657.737	POSTE
1926	1028592.07	999064.235	2657.746	BV
1927	1028589.72	999068.416	2657.3	TN
1928	1028590.22	999067.698	2657.548	TN
1929	1028591.52	999068.13	2657.777	M_CONTADOR
1930	1028592.75	999068.065	2657.882	M_CONTADOR
1931	1028593.6	999068.984	2657.84	PARAMENT
1932	1028603.44	999070.511	2657.774	PARAMENT
1933	1028604.37	999069.366	2658.605	CONTADOR
1934	1028598.4	999067.572	2658.352	BV
1935	1028598.6	999066.009	2658.368	EJE
1936	1028598.51	999064.695	2658.445	BV

1937	1028598.55	999063.249	2659.288	TN
1938	1028609.1	999071.521	2658.81	TN
1939	1028609.31	999069.811	2658.93	BV
1940	1028609.7	999067.682	2659.109	EJE
1941	1028609.75	999065.255	2659.13	BV
1942	1028610.04	999063.938	2659.378	TN
1943	1028616.85	999073.64	2659.08	TN
1944	1028617.28	999072.863	2659.201	TN
1945	1028617.59	999071.721	2659.224	BV
1946	1028619.91	999072.25	2659.274	BV
1947	1028620.49	999069.519	2659.421	EJE
1948	1028621.28	999067.383	2659.448	BV
1949	1028622.04	999064.521	2660.018	TN
1950	1028623.61	999069.296	2659.733	MH
1951	1028626.23	999067.319	2660.382	POSTE
1952	1028624.67	999067.752	2659.728	ACCESO
1953	1028623.74	999070.805	2659.704	ACCESO
1954	1028626.62	999075.536	2660.142	ACCESO
1955	1028628.1	999072.622	2660.44	ACCESO
1956	1028623.41	999071.529	2659.564	TN
1957	1028622.58	999071.674	2659.296	RIEL
1958	1028622.29	999071.964	2659.245	RIEL
1959	1028621.97	999072.211	2659.233	TN
1960	1028621.5	999072.651	2659.155	RIEL
1961	1028620.95	999073.102	2659.181	RIEL
1962	1028620.33	999073.849	2659.244	TN
1963	1028626.27	999079.27	2657.527	TN
1964	1028625.3	999079.656	2657.55	RIEL
1965	1028625.69	999079.574	2657.525	RIEL
1966	1028626.66	999079.052	2657.612	RIEL
1967	1028627.11	999078.925	2657.624	RIEL
1968	1028628.12	999078.43	2657.722	TN
1969	1028624.64	999079.853	2657.653	TN
1970	1028628.65	999090.471	2655.65	TN
1971	1028628.86	999089.849	2655.502	TN
1972	1028632.7	999088.565	2655.427	TN
1973	1028632.53	999088.301	2655.885	TN
1974	1028630.88	999089.653	2655.424	TN
1975	1028631.45	999088.875	2655.539	RIEL
1976	1028630.97	999089.058	2655.553	RIEL
1977	1028629.94	999089.232	2655.517	RIEL
1978	1028629.43	999089.476	2655.511	RIEL
1979	1028630.01	999095.975	2654.355	POSTE
1980	1028630.76	999095.368	2654.178	TN
1981	1028631.82	999095.184	2654.13	TN
1982	1028633.84	999094.754	2654.237	TN
1983	1028634.04	999093.803	2654.634	TN

1984	1028633.12	999093.716	2654.364	RIEL
1985	1028632.53	999093.84	2654.399	RIEL
1986	1028631.61	999094.047	2654.371	RIEL
1987	1028631.07	999094.233	2654.336	RIEL
1988	1028634.68	999107.306	2651.042	RIEL
1989	1028634.97	999107.147	2651.056	RIEL
1990	1028636.14	999106.922	2651.077	RIEL
1991	1028636.5	999106.702	2651.063	RIEL
1992	1028637.09	999106.609	2650.848	TN
1993	1028635.78	999106.769	2651.142	TN
1994	1028633.56	999107.327	2651.116	TN
1995	1028637.4	999123.068	2646.822	POSTE
1996	1028636.32	999122.288	2646.981	TN
1997	1028637.21	999122.223	2647.054	TN
1998	1028639.05	999121.767	2647.289	TN
1999	1028641.83	999122.137	2647.192	TN
2000	1028640.76	999124.619	2646.695	RIEL
2001	1028640.46	999125.058	2646.68	RIEL
2002	1028639.4	999125.216	2646.599	RIEL
2003	1028638.76	999125.32	2646.571	RIEL
2004	1028639.63	999124.528	2646.684	_TRAMO_7_CHIA
2005	1028641.94	999126.14	2646.489	PORTON
2006	1028638.1	999126.535	2646.437	PORTON
2007	1028460.48	999036.692	2640.003	E_POSIBLE_OBRA
2008	1028459.58	999034.556	2640.17	BV
2009	1028459.46	999033.499	2640.098	CUNETA
2010	1028459.38	999032.913	2640.74	TN
2011	1028463.56	999032.537	2640.94	TN
2012	1028463.54	999033.308	2640.329	CUNETA
2013	1028463.42	999034.052	2640.605	BV
2014	1028466	999034.483	2640.844	BV
2015	1028466.93	999033.513	2640.711	CUNETA
2016	1028467.05	999032.88	2641.069	TN
2017	1028466.54	999039.65	2640.444	TN
2018	1028466.52	999038.76	2640.521	BV
2019	1028463.67	999038.528	2640.223	BV
2020	1028463.57	999040.274	2640.087	TN
2021	1028459.93	999038.927	2639.626	BV
2022	1028432.32	999045.711	2637.894	LIN
2023	1028430.98	999045.079	2638.2	TN
2024	1028430.55	999046.005	2637.865	BV
2025	1028430.07	999047.564	2637.794	EJE
2026	1028429.38	999048.932	2637.736	BV
2027	1028428.66	999050.217	2638.058	LIN
2028	1028423.25	999049.105	2639.021	LIN
2029	1028423.62	999047.76	2638.673	BV
2030	1028423.91	999046.578	2638.728	EJE

2031	1028424.21	999044.782	2638.836	BV
2032	1028424.31	999043.899	2639.013	TN
2033	1028423.94	999043.202	2639.672	ESCALAS
2034	1028424.92	999043.296	2639.674	ESCALAS
2035	1028424.94	999043.066	2639.886	ESCALAS
2036	1028423.96	999042.924	2639.862	ESCALAS
2037	1028423.98	999042.687	2640.078	ESCALAS
2038	1028424.98	999042.843	2640.072	ESCALAS
2039	1028408.44	999040.741	2641.608	M_CONTADOR
2040	1028407.13	999040.386	2641.738	M_CONTADOR
2041	1028402.44	999044.581	2641.835	M_CONTADOR
2042	1028403.41	999044.995	2641.545	M_CONTADOR
2043	1028403.41	999044.995	2641.545	LIN
2044	1028402.18	999044.589	2641.797	LIN
2045	1028402.27	999043.713	2641.681	BV
2046	1028402.45	999042.177	2641.763	EJE
2047	1028402.95	999040.433	2641.859	BV
2048	1028403.88	999039.475	2642.318	TN
2049	1028389.13	999041.519	2643.618	LIN
2050	1028389.16	999040.942	2643.802	TN
2051	1028389.17	999040.839	2643.796	TN
2052	1028389.28	999040.618	2643.532	TN
2053	1028389.43	999040.271	2643.529	BV
2054	1028389.82	999038.814	2643.597	EJE
2055	1028390.34	999036.935	2643.615	BV
2056	1028390.54	999036.16	2643.719	TN
2057	1028390.06	999036.391	2644.116	TN
2058	1028376.7	999030.172	2646.68	TN
2059	1028376.3	999030.881	2646.088	TN
2060	1028375.68	999030.919	2646.095	BV
2061	1028374.82	999031.983	2646.077	EJE
2062	1028373.58	999033.785	2646.012	BV
2063	1028373.64	999035.127	2646.099	TN
2064	1028373.17	999035.691	2645.836	LIN
2065	1028371.02	999034.778	2646.408	LIN
2066	1028364.57	999031.391	2646.755	LIN
2067	1028364.97	999031.059	2647.273	TN
2068	1028366	999030.123	2647.048	BV
2069	1028367.05	999028.652	2647.124	EJE
2070	1028368.07	999026.744	2647.179	BV
2071	1028368.49	999026.38	2647.358	TN
2072	1028368.8	999026.184	2648.004	TN
2073	1028358.16	999019.791	2648.873	TN
2074	1028357.91	999020.271	2648.265	TN
2075	1028357.61	999020.553	2648.247	BV
2076	1028356.73	999022.13	2648.213	EJE
2077	1028355.96	999023.7	2648.117	BV

2078	1028355.58	999024.506	2648.199	TN
2079	1028354.6	999024.415	2648.161	LIN
2080	1028340.75	999014.985	2648.77	LIN
2081	1028340.78	999014.544	2649.181	M_CONTADOR
2082	1028339.46	999013.511	2649.517	M_CONTADOR
2083	1028338.8	999013.821	2649.14	LIN
2084	1028339.32	999012.489	2649.658	BV
2085	1028340.27	999011.209	2649.663	EJE
2086	1028341.43	999009.675	2649.806	BV
2087	1028344.13	999010.543	2649.997	CERCO_VIVO
2088	1028334.45	999010.799	2650.051	M_CONTADOR
2089	1028333.4	999010.195	2650.244	M_CONTADOR
2090	1028333.17	999010.39	2650.208	LIN
2091	1028334.66	999010.938	2649.998	ACCESO
2092	1028336.19	999012.064	2649.813	ACCESO
2093	1028336.44	999012.174	2649.877	LIN
2094	1028331.41	999001.183	2651.102	CERCO_VIVO
2095	1028331	999001.351	2651.049	BV
2096	1028329.61	999003.372	2650.937	EJE
2097	1028326.24	999004.077	2650.939	BV
2098	1028325.31	999005.316	2650.817	TN
2099	1028325.06	999007.562	2650.312	LIN
2100	1028331.52	999000.119	2651.499	POSTE
2101	1028331.53	998999.101	2651.786	M_CONTADOR
2102	1028331.61	998998.072	2652.316	M_CONTADOR
2103	1028331.42	998998.381	2652.28	ACCESO
2104	1028329.36	998996.674	2652.263	ACCESO
2105	1028329.46	998996.47	2652.494	CERCO_VIVO
2106	1028328.73	998998.562	2651.493	ACCESO
2107	1028330.5	998999.908	2651.275	ACCESO
2108	1028330.31	999000.704	2651.114	BV
2109	1028327.91	998998.947	2651.449	BV
2110	1028316.63	999001.919	2650.596	LIN
2111	1028319.11	998997.243	2651.915	LIN
2112	1028319.08	998999.345	2651.722	TN
2113	1028322.47	999002.78	2651.221	TN
2114	1028323.49	999001.387	2651.393	BV
2115	1028320.23	998997.318	2651.951	BV
2116	1028321.33	998995.942	2652.07	EJE
2117	1028322.66	998995.006	2652.156	BV
2118	1028324.51	998995.112	2652.087	M_CONTADOR
2119	1028325.29	998995.16	2652.29	M_CONTADOR
2120	1028320.92	998992.489	2652.533	CERCO_VIVO
2121	1028311.04	998985.208	2653.403	CERCO_VIVO
2122	1028311.23	998983.829	2654.216	CERCO_VIVO
2123	1028309.54	998984.002	2653.621	BV
2124	1028308.32	998985.388	2653.533	EJE

2125	1028307.19	998986.813	2653.327	BV
2126	1028306.79	998987.205	2653.434	TN
2127	1028306.25	998988.172	2652.813	LIN
2128	1028297.98	998982.158	2654.35	LIN
2129	1028297.69	998981.855	2654.484	M_CONTADOR
2130	1028297.23	998981.713	2654.565	M_CONTADOR
2131	1028297.24	998981.29	2654.568	LIN
2132	1028293.03	998978.26	2655.461	LIN
2133	1028292.98	998977.958	2655.447	TN
2134	1028293	998977.705	2655.231	TN
2135	1028293.24	998977.277	2655.32	BV
2136	1028294.32	998975.983	2655.386	EJE
2137	1028293.1	998972.864	2655.887	BV
2138	1028293.1	998972.534	2655.941	ACCESO
2139	1028292.98	998971.076	2656.666	ACCESO
2140	1028290.76	998968.825	2656.86	ACCESO
2141	1028289.15	998970.328	2656.295	ACCESO
2142	1028289.09	998970.293	2656.295	BV
2143	1028289.81	998969.014	2656.778	LIN
2144	1028294.48	998971.253	2656.742	CERCO_VIVO
2145	1028280.45	998972.321	2656.997	LIN
2146	1028280.49	998971.357	2656.623	TN
2147	1028280.57	998971.056	2656.734	BV
2148	1028281.54	998969.457	2656.841	EJE
2149	1028282.13	998967.792	2656.939	BV
2150	1028281.61	998966.585	2657.124	LIN
2151	1028275.03	998970.112	2657.597	LIN
2152	1028274.85	998969.505	2657.387	ACCESO
2153	1028274.44	998970.354	2657.717	ACCESO
2154	1028268.93	998969.766	2658.071	ACCESO
2155	1028269.32	998968.451	2658.103	ACCESO
2156	1028269.35	998968.013	2658.088	BV
2157	1028270.2	998966.705	2658.089	EJE
2158	1028270.53	998964.928	2658.198	BV
2159	1028271.83	998963.691	2658.792	TN
2160	1028273.29	998962.82	2659.201	LIN
2161	1028272.94	998962.757	2659.794	ACCESO
2162	1028269.75	998962.135	2659.865	ACCESO
2163	1028262.11	998962.998	2659.446	ACCESO
2164	1028266.49	998964.058	2658.804	ACCESO
2165	1028266.63	998964.409	2658.772	BV
2166	1028260.2	998963.897	2659.346	BV
2167	1028265.49	998961.433	2659.281	POSTE
2168	1028265.35	998961.378	2659.388	LIN
2169	1028264.92	998964.632	2658.906	BV
2170	1028264.21	998965.819	2658.83	EJE
2171	1028264.23	998967.272	2658.694	BV

2172	1028265.59	998968.114	2658.351	CUNETA
2173	1028265.86	998968.26	2658.204	CUNETA
2174	1028264.19	998967.842	2658.535	CUNETA
2175	1028266.58	998968.702	2658.614	M_CONTADOR
2176	1028266.71	998969.936	2658.542	M_CONTADOR
2177	1028267.1	998968.768	2658.455	CONTADOR
2178	1028255.6	998970.601	2659.652	TN
2179	1028255.22	998970.078	2659.795	TN
2180	1028255.09	998969.588	2659.597	CUNETA
2181	1028254.83	998969.161	2659.763	BV
2182	1028254.03	998967.331	2659.96	EJE
2183	1028253.55	998965.52	2660.047	BV
2184	1028252.93	998964.124	2660.698	LIN
2185	1028242.46	998966.179	2662.601	LIN
2186	1028240.46	998967.285	2662.318	ACCESO
2187	1028238.18	998964.91	2663.253	ACCESO
2188	1028239.75	998963.642	2663.297	ACCESO
2189	1028242	998965.956	2662.894	ACCESO
2190	1028237.76	998964.316	2663.556	ACCESO
2191	1028236.99	998963.416	2663.955	ACCESO
2192	1028235.18	998964.581	2663.89	ACCESO
2193	1028236.03	998966.161	2663.256	ACCESO
2194	1028236.19	998966.473	2663.172	BV
2195	1028238.55	998968.571	2662.277	BV
2196	1028234.67	998968.38	2662.958	BV
2197	1028233.3	998968.093	2662.868	BV
2198	1028231.49	998966.942	2662.974	BV
2199	1028227.44	998968.892	2662.981	BV
2200	1028230.71	998973.07	2662.808	BV
2201	1028234.54	998976.606	2662.38	BV
2202	1028243.75	998973.039	2661.285	BV
2203	1028243.3	998970.738	2661.507	EJE
2204	1028237.06	998971.923	2662.351	FIN_TRAMO_7_CHIA
2205	1028233.08	998975.943	2662.553	POSTE
2206	1028231.2	998975.396	2663.283	TN
2207	1028234.31	998978.743	2662.4	TN
2208	1028236.86	998978.324	2662.317	POSTE
2209	1028237.72	998977.297	2662.296	LIN
2210	1028275.34	998967.897	2657.541	MH
2211	1029222.34	999633.73	2610.8	OBRA

PROFESIONAL MARLA Z.



República de Colombia
CONSEJO PROFESIONAL NACIONAL DE TOPOGRAFÍA
Ley 70 / 79

CERTIFICADO DE VIGENCIA No: 520327/2025

EL DIRECTOR EJECUTIVO DEL CONSEJO PROFESIONAL NACIONAL DE TOPOGRAFÍA

HACE CONSTAR

Que el(la) Señor(a) **MARLA ZUÑIGA BENITEZ**, identificado(a) con cédula de ciudadanía No. **1152687204**, se encuentra inscrito(a) en el Registro Único de Topógrafos RUTOPO del CPNT como **TECNÓLOGO EN TOPOGRAFÍA** de la Institución de Educación Superior **SENA**, bajo la Licencia Profesional No. **01-15700** con fecha de expedición del **26 de Junio de 2015**.

Que el(la) Señor(a) **MARLA ZUÑIGA BENITEZ**, tiene vigente su Licencia Profesional No. **01-15700** y a la fecha **NO REGISTRA ANTECEDENTES DISCIPLINARIOS**, que lo (la) inhabiliten en el ejercicio de su profesión.

Dada en Bogotá, D.C. a los **31 días del mes de Enero de 2025**.

LUIS ALEJANDRO ZAFRA JARAMILLO
Director Ejecutivo

***Firma del profesional**

*La firma del profesional es requerida para comprobar la ausencia de su participación en procesos contractuales. La falta de la firma del profesional NO invalida el certificado.

Notas 1- El anterior certificado no suple la Licencia Profesional para ejercer un cargo.

2- La validez del documento se puede verificar en la página web www.cpnt.gov.co a través del número de certificado de Vigencia.

3- Este certificado digital tiene plena validez de conformidad con lo establecido en el Art. 2 de la Ley 527 de 1999, decreto 1747 de 2000 y Art. 6 Parágrafo 3 de la Ley 962 de 2005.



República de Colombia



CONSEJO PROFESIONAL NACIONAL DE TOPOGRAFIA

Nombre: MARLA ZUÑIGA BENITEZ

Cédula: 1.152.687.204.

Licencia Profesional No:

01-15700

Resolución: 02-5701 - 26/06/2015

TECNOLOGO EN TOPOGRAFIA
SENA



MARIA APARICIO P.

Vicepresidente





Medellín 21 de Enero de 2025

CARTA DE RESPONSABILIDAD

Yo **MARLA ZUÑIGA BENITEZ identificada** con cedula de ciudadana 1.152.687.204 en mi calidad de TOPOGRAFA con matricula profesional N° 0115700 expedida por el Consejo Profesional nacional de topografia presento los estudios previos para diseños de lozas en concreto MR de tramos viales ubicados zona de resguardos indígenas del Municipio de Cota -Cundinamarca

Cordialmente.

MARLA ZUÑIGA BENITEZ

Topógrafa

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