



25-7-2023

INFORME LEVANTAMIENTO TOPOGRÁFICO

Predio Rural en el municipio de
Lorica Departamento de Cordoba

Ronal Andrés Almanza Galván
Topógrafo

PRESENTACIÓN

Realizar el levantamiento Topográfico del predio destinado para el proyecto:
“PISICULTURA DEL COMUN” Vereda La Doctrina Municipio De Lorica Departamento
De Cordoba”

Los levantamientos topográficos se realizan con el fin de determinar la configuración del terreno y las instalaciones construidas. En un levantamiento topográfico se toman los datos necesarios para la representación gráfica o elaboración del mapa del área en estudio.

Existen herramientas necesarias para la representación gráfica o elaboración de los mapas topográficos, así como métodos y procedimientos utilizados en la representación de superficies.

LOCALIZACIÓN

El Municipio de Lorica, se encuentra localizado al norte del departamento de Córdoba colombiano a 62 Km de la ciudad de Montería capital del departamento y 815 Km de la capital del país, está localizado en la parte norte del Departamento de Córdoba; Su ubicación geográfica Latitud: 9.238280° y Longitud: -75.814074°



La vereda La Doctrina se encuentra a 15.3 km aproximadamente del casco urbano del Municipio de Lorica, Departamento del Córdoba por la vía nacional que comunica este Municipio con el Municipio de San Bernardo del Viento, el predio en estudio se encuentra a 9.0 km.



LEVANTAMIENTO

Una vez ubicados en el casco urbano del Municipio de Lorica, Departamento del Cordoba, se realizó el traslado de la comisión topográfica a la vereda La Doctrina, se localizó el predio, se hizo el reconocimiento del terreno, luego se procedió a realizar el levantamiento topográfico con equipo **Emlid rs2 RTK doble frecuencia** conectado a las antenas **Cors De La Red Galinet** en modo **NTRIP**, se materializan 2 deltas para futuros replanteos y se toma la información necesaria

REFERENCIACIÓN

Los puntos de reflexión (Δ) usados para los levantamientos topográficos fueron situados estratégicamente en partes donde se facilite identificarlos y además perduren hasta el final de la construcción y futuras obras.

Para la realización del control terrestre, se contó con la información siguiente:

- Se tomaron dos puntos de arranque, debidamente ligados a coordenadas MAGNA SIRGA del Instituto Agustín Codazzi a partir de un sistema GPS de localización, coordenadas planas iniciales:

PUNTO	ESTE	NORTE	ALTURA
E1	1129827.501	1522624.129	2.748
E2	1129761.792	1522638.794	3.173

EQUIPO Y PERSONAL TECNICO

Para la realización del trabajo se contó con el siguiente equipo:

- Un topógrafo
- Dos cadenero

El equipo utilizado para realizar el trabajo de campo es el siguiente:

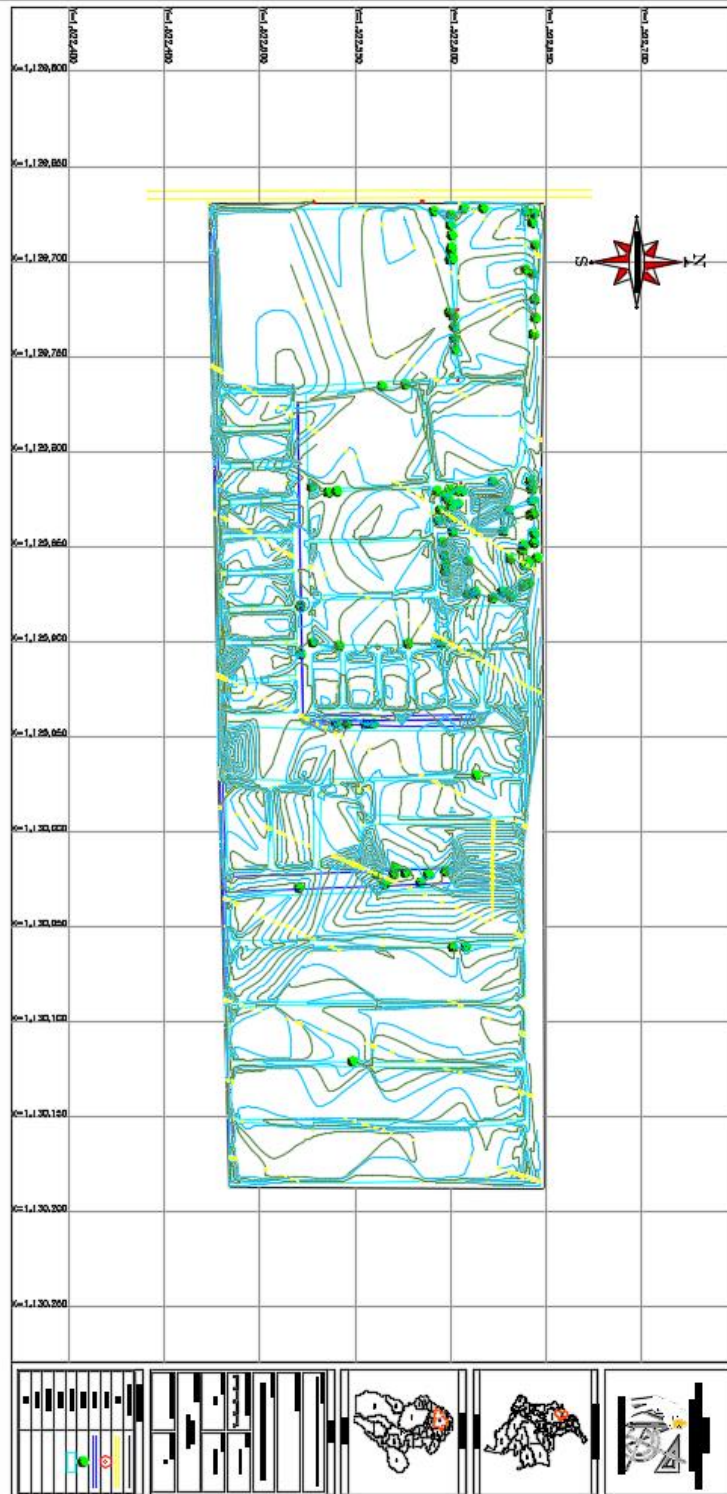
- Emlid rs2.
- Bastón – Tablet/Colector
- Cinta métrica de 5 m.
- Medio de transporte
- Herramientas menores.

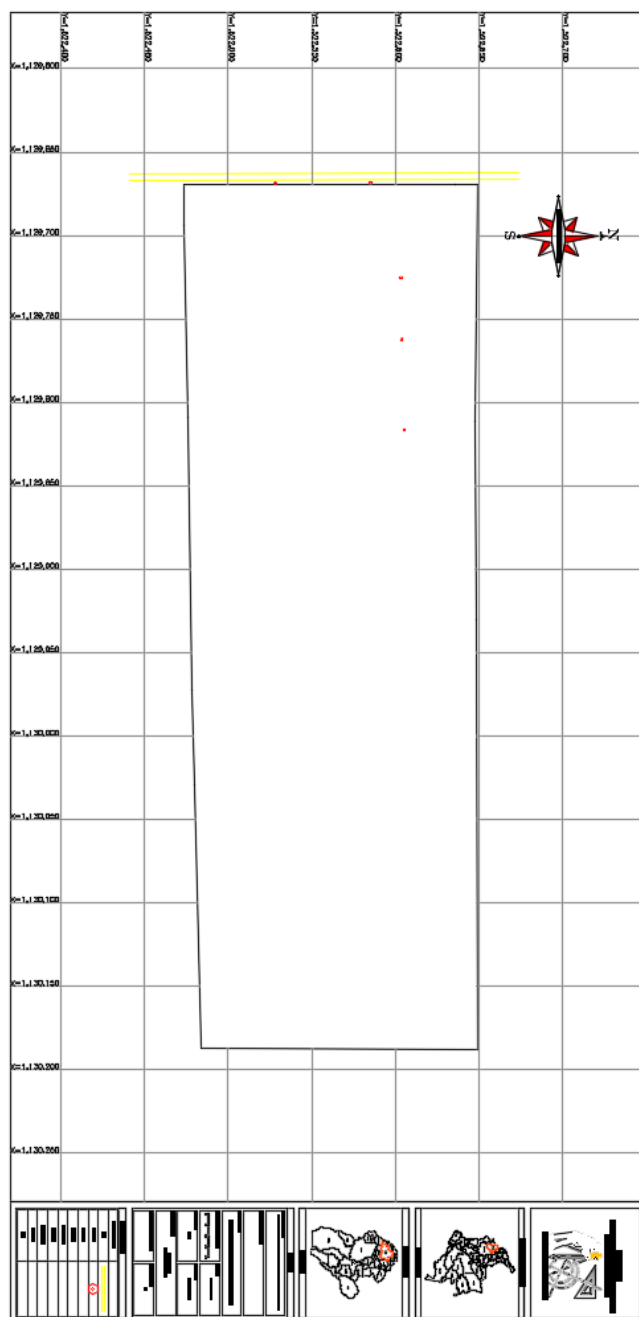
RESULTADOS Y PRODUCTOS

La información que se capturo con la **RTK Emlid rs2** se descarga en un programa denominado Civilcad, este tiene una interface en la que se descargan los puntos con las dos coordenadas más la altura y su respectiva descripción x,y,z (Este, Norte, Altura y Código) en un archivo de la extensión *.txt en el mismo programa se convierte este archivo a otro con la extensión *.dxf, que el programa de dibujo AUTOCAD puede cargar y de esta forma poder iniciar la manipulación de los puntos para generar el dibujo

Una vez completado el trabajo en campo se dio inicio al proceso de dibujo, con el programa AutoCAD.

Como productos finales se obtuvo un plano topográfico detallado del área en DWG “archivo de AutoCAD” y material fotográfico.







República de Colombia



CONSEJO PROFESIONAL NACIONAL DE TOPOGRAFÍA

Nombre: RONAL ANDRES ALMANZA GALVAN

Cédula: 1.010.039.590

Licencia Profesional No:

01-19183

De fecha:

30/05/2019

TECNÓLOGO EN TOPOGRAFÍA
SENA



R 02-9184

Presidente



CARTERA TOPOGRAFICA MAGNA - SIRGAS WEST ZONE				
PUNTO	ESTE	NORTE	ALTURA	DETALLE
1	1129662.192	1522673.829	3.723	VIA
2	1129663.227	1522441.304	3.773	VIA
3	1129666.327	1522673.981	3.614	VIA
4	1129667.256	1522441.306	3.662	VIA
5	1129668.086	1522585.162	3.872	POSTE ELECTRICO
6	1129668.694	1522528.036	3.898	POSTE ELECTRICO
7	1129669.521	1522473.101	3.749	LINDERO
8	1129669.584	1522515.927	3.749	LINDERO
9	1129669.663	1522570.366	3.749	LINDERO
10	1129669.713	1522603.876	3.749	LINDERO
11	1129669.712	1522649.454	2.447	LINDERO
12	1129669.76	1522636.265	3.633	LINDERO
13	1129671.024	1522475.464	4.396	COMPUERTA
14	1129671.096	1522476.174	4.418	COMPUERTA
15	1129671.273	1522475.994	3.467	COMPUERTA FONDO
16	1129671.297	1522475.62	3.456	COMPUERTA FONDO
17	1129671.496	1522479.689	3.969	BORDE
18	1129671.555	1522570.463	3.702	BORDE
19	1129671.875	1522617.205	3.747	ARBOL
20	1129671.898	1522475.386	3.097	COMPUERTA FONDO
21	1129672.037	1522475.526	4.391	COMPUERTA
22	1129672.103	1522607.233	3.803	ARBOL
23	1129672.175	1522476.099	3.644	COMPUERTA FONDO
24	1129672.237	1522476.088	4.358	COMPUERTA
25	1129672.332	1522515.833	4.166	BORDE
26	1129672.585	1522477.096	3.881	BORDE
27	1129672.7	1522635.069	3.34	BORDE
28	1129672.816	1522594.127	3.867	BORDE
29	1129673.018	1522598.434	3.885	BORDE
30	1129673.28	1522607.589	3.413	BORDE
31	1129673.556	1522591.334	3.706	ARBOL
32	1129673.625	1522638.458	3.278	BORDE
33	1129673.699	1522639.44	3.674	ARBOL
34	1129674.29	1522603.022	3.59	BORDE
35	1129674.383	1522637.314	2.652	FONDO
36	1129674.401	1522475.793	3.999	BORDE CANAL
37	1129844.835	1522478.636	3.999	BORDE CANAL
38	1129768.637	1522477.365	3.999	BORDE CANAL
39	1129864.212	1522478.959	3.999	BORDE CANAL
40	1129787.49	1522477.679	3.999	BORDE CANAL
41	1129826.914	1522478.337	3.999	BORDE CANAL

42	1129883.722	1522479.284	3.999	BORDE CANAL
43	1129807.309	1522478.01	3.999	BORDE CANAL
44	1129674.437	1522644.036	3.131	ARBOL
45	1129883.801	1522478.374	3.333	FONDO CANAL
46	1129844.914	1522477.726	3.333	FONDO CANAL
47	1129864.291	1522478.049	3.333	FONDO CANAL
48	1129807.388	1522477.1	3.333	FONDO CANAL
49	1129826.993	1522477.427	3.333	FONDO CANAL
50	1129674.48	1522474.883	3.333	FONDO CANAL
51	1129787.569	1522476.769	3.333	FONDO CANAL
52	1129768.716	1522476.455	3.333	FONDO CANAL
53	1129674.547	1522604.647	2.783	FONDO
54	1129787.651	1522477.308	3.333	FONDO CANAL
55	1129674.562	1522475.422	3.333	FONDO CANAL
56	1129827.075	1522477.966	3.333	FONDO CANAL
57	1129807.47	1522477.639	3.333	FONDO CANAL
58	1129844.996	1522478.265	3.333	FONDO CANAL
59	1129883.883	1522478.913	3.333	FONDO CANAL
60	1129864.373	1522478.588	3.333	FONDO CANAL
61	1129768.798	1522476.994	3.333	FONDO CANAL
62	1129845.079	1522477.093	4.342	BORDE CANAL
63	1129674.645	1522474.25	4.342	BORDE CANAL
64	1129768.881	1522475.822	4.342	BORDE CANAL
65	1129864.456	1522477.416	4.342	BORDE CANAL
66	1129883.966	1522477.741	4.342	BORDE CANAL
67	1129787.734	1522476.136	4.342	BORDE CANAL
68	1129827.158	1522476.794	4.342	BORDE CANAL
69	1129807.553	1522476.467	4.342	BORDE CANAL
70	1129675.454	1522600.234	3.991	ARBOL
71	1129675.929	1522476.215	3.818	BORDE
72	1129677.668	1522639.399	3.375	BORDE
73	1129677.95	1522599.726	3.606	BORDE
74	1129679.308	1522602.717	3.309	BORDE
75	1129679.522	1522536.939	0.82	FONDO RESERVORIO
76	1129679.522	1522587.523	0.82	FONDO RESERVORIO
77	1129679.679	1522643.135	3.192	ARBOL
78	1129680.662	1522600.081	3.861	ARBOL
79	1129682.039	1522637.57	2.931	TUBO DRENAJE 4
80	1129684.051	1522493.073	0.983	FONDO RESERVORIO
81	1129686.124	1522600.71	3.833	ARBOL
82	1129691.222	1522644.481	3.281	ARBOL
83	1129692.569	1522600.618	3.82	ARBOL
84	1129694.339	1522473.626	3.597	LINDERO

85	1129694.735	1522600.349	3.787	ARBOL
86	1129695.155	1522477.167	3.976	BORDE
87	1129698.696	1522601.011	3.861	ARBOL
88	1129698.868	1522599.755	3.597	ARBOL
89	1129703.258	1522587.468	1.193	FONDO RESERVORIO
90	1129703.258	1522536.884	1.193	FONDO RESERVORIO
91	1129704.252	1522639.427	4.613	ARBOL
92	1129706.284	1522643.22	4.636	ARBOL
93	1129710.043	1522492.701	1.172	FONDO RESERVORIO
94	1129719.896	1522644.078	3.981	ARBOL
95	1129719.921	1522639.996	3.887	BORDE FONDO
96	1129720.318	1522638.096	3.269	FONDO
97	1129725.423	1522603.543	3.849	POSTE
98	1129726.815	1522599.594	3.271	ARBOL
99	1129728.836	1522601.69	4.057	ARBOL
100	1129729.678	1522644.604	3.283	ARBOL
101	1129733.778	1522491.584	0.832	FONDO RESERVORIO
102	1129734.038	1522537.073	1.516	FONDO RESERVORIO
103	1129734.038	1522587.657	1.516	FONDO RESERVORIO
104	1129734.4	1522602.043	3.954	ARBOL
105	1129738.257	1522643.679	3.506	ARBOL
106	1129738.585	1522605.175	3.21	TUBO DRENAJE 4
107	1129738.841	1522600.824	2.972	TUBO DRENAJE 4
108	1129740.666	1522602.031	4.137	ARBOL
109	1129745.899	1522491.756	1.13	FONDO RESERVORIO
110	1129746.337	1522602.367	3.857	ARBOL
111	1129747.997	1522537.159	0.807	FONDO RESERVORIO
112	1129747.997	1522587.743	0.807	FONDO RESERVORIO
113	1129752.404	1522639.995	3.129	TUBO DRENAJE 6
114	1129753.591	1522640.382	3.275	BORDE
115	1129754.515	1522587.656	1.131	FONDO RESERVORIO
116	1129754.515	1522537.072	1.131	FONDO RESERVORIO
117	1129756.572	1522602.814	3.586	BORDE
118	1129757.135	1522604.615	3.569	BORDE
119	1129758.918	1522638.847	3.456	BORDE
120	1129759.022	1522636.716	2.484	FONDO
121	1129759.472	1522607.078	2.663	FONDO
122	1129760.431	1522605.054	3.545	BORDE
123	1129760.489	1522602.134	3.543	BORDE
124	1129760.513	1522622.597	2.699	FONDO
125	1129761.27	1522589.093	2.704	TUBO DRENAJE 6
126	1129761.345	1522633.842	3.416	BORDE
127	1129761.502	1522597.756	3.53	BORDE

128	1129761.513	1522622.425	3.467	BORDE
129	1129761.589	1522610.617	3.508	BORDE
130	1129762.34	1522603.882	3.774	POSTE
131	1129762.478	1522580.93	2.637	TUBO DRENAJE 6
132	1129762.716	1522478.148	3.903	BORDE
133	1129763.516	1522635.54	3.221	BORDE
134	1129763.543	1522480.889	2.947	TUBO ENTRADA A CANAL 6
135	1129763.57	1522622.27	3.411	BORDE
136	1129764.212	1522639.25	3.312	BORDE
137	1129764.691	1522576.398	3.311	ARBOL
138	1129764.998	1522593.002	3.481	BORDE
139	1129765.544	1522588.37	3.503	BORDE
140	1129765.594	1522564.126	3.456	ARBOL
141	1129765.941	1522579.876	3.452	BORDE
142	1129766.129	1522589.994	2.569	TUBO ENTRADA6
143	1129766.347	1522479.377	3.731	BORDE
144	1129766.463	1522517.344	3.494	BORDE
145	1129766.589	1522580.924	2.637	TUBO ENTRADA 3
146	1129766.773	1522556.94	3.36	BORDE
147	1129766.825	1522584.436	3.484	BORDE
148	1129767.647	1522484.868	3.773	BORDE
149	1129767.9	1522514.427	3.89	BORDE
150	1129765.852	1522476.78	3.12	TUBO ENTRADA A CANAL 6
151	1129768.44	1522587.379	3.484	BORDE
152	1129768.584	1522640.242	3.403	BORDE
153	1129769.011	1522524.561	3.419	BORDE
154	1129769.227	1522517.39	3.539	BORDE
155	1129769.242	1522633.182	1.433	FONDO
156	1129769.42	1522481.774	3.731	BORDE
157	1129770.035	1522479.885	3.731	BORDE
158	1129770.06	1522515.682	2.934	FONDO
159	1129771.106	1522612.778	1.433	FONDO
160	1129771.253	1522481.907	2.934	FONDO
161	1129771.871	1522479.506	3.731	BORDE
162	1129771.968	1522585.92	3.53	BORDE
163	1129772.055	1522593.814	1.433	FONDO
164	1129772.175	1522587.392	3.445	BORDE
165	1129772.941	1522579.218	1.406	FONDO
166	1129773.405	1522517.694	3.368	BORDE
167	1129773.949	1522519.807	2.681	FONDO CANAL
168	1129774.074	1522560.68	1.406	FONDO
169	1129774.127	1522520.251	2.653	FONDO CANAL
170	1129774.385	1522530.825	1.406	FONDO

171	1129776.846	1522477.557	3.31	TUBO ENTRADA 4
172	1129776.939	1522479.509	3.33	TUBO ENTRADA 4
173	1129777.218	1522513.563	2.18	TUBO DRENAJE 4
174	1129782.589	1522631.727	1.433	FONDO
175	1129783.159	1522517.237	3.642	BORDE
176	1129784.415	1522478.429	3.844	BORDE
177	1129784.455	1522515.109	3.064	FONDO
178	1129785.007	1522480.946	2.875	FONDO
179	1129785.848	1522588.778	3.411	BORDE
180	1129785.915	1522515.796	3.465	BORDE
181	1129785.969	1522512.682	3.476	BORDE
182	1129786.003	1522495.719	2.819	FONDO
183	1129786.303	1522587.23	3.47	BORDE
184	1129786.349	1522480.424	3.516	BORDE
185	1129786.584	1522495.748	3.519	BORDE
186	1129786.84	1522483.639	3.478	BORDE
187	1129788.247	1522614.292	1.433	FONDO
188	1129788.315	1522515.838	3.465	BORDE
189	1129788.369	1522512.735	3.476	BORDE
190	1129788.56	1522636.285	2.324	TUBO DRENAJE 4
191	1129788.721	1522480.052	3.516	BORDE
192	1129788.987	1522495.709	3.519	BORDE
193	1129789.245	1522483.478	3.478	BORDE
194	1129790.587	1522517.197	3.626	BORDE
195	1129791.383	1522495.857	2.349	FONDO
196	1129791.393	1522514.07	2.786	FONDO
197	1129791.599	1522579.964	1.406	FONDO
198	1129791.751	1522596.102	1.433	FONDO
199	1129791.848	1522474.322	1.233	BORDE CANLA
200	1129791.947	1522475.272	0.238	FONDO CANAL
201	1129791.969	1522475.624	0.276	FONDO CANAL
202	1129793.262	1522483.759	2.44	FONDO
203	1129794.171	1522562.628	1.406	FONDO
204	1129795.283	1522532.177	1.406	FONDO
205	1129796.421	1522629.06	1.433	FONDO
206	1129797.684	1522513.989	2.326	TUBO DRENAJE 4
207	1129797.799	1522478.344	1.41	TUBO ENTRADA 4
208	1129798.487	1522477.64	3.156	TUBO ENTRADA 4
209	1129799.853	1522639.365	2.73	BORDE
210	1129802.329	1522512.719	2.522	FONDO
211	1129802.584	1522516.738	3.586	BORDE
212	1129803.293	1522478.719	3.745	BORDE
213	1129803.367	1522483.203	2.575	FONDO

214	1129803.853	1522617.607	1.433	FONDO
215	1129804.193	1522496.949	2.358	FONDO
216	1129805.222	1522516.128	3.625	BORDE
217	1129805.472	1522520.096	1.95	FONDO CANAL
218	1129805.479	1522512.561	3.668	BORDE
219	1129805.514	1522520.453	1.979	FONDO CANAL
220	1129805.721	1522637.714	2.619	BORDE
221	1129806.097	1522496.114	3.532	BORDE
222	1129806.103	1522598.238	1.433	FONDO
223	1129806.219	1522479.802	3.691	BORDE
224	1129806.713	1522483.835	3.605	BORDE
225	1129807.616	1522516.3	3.625	BORDE
226	1129807.875	1522512.692	3.668	BORDE
227	1129808.495	1522496.204	3.532	BORDE
228	1129808.601	1522479.51	3.691	BORDE
229	1129808.885	1522475.786	3.831	LINDERO
230	1129809.121	1522483.749	3.605	BORDE
231	1129809.395	1522591.236	3.494	BORDE
232	1129810.024	1522633.224	2.486	BORDE
233	1129810.075	1522496.922	2.603	FONDO
234	1129810.127	1522513.59	2.753	FONDO
235	1129810.191	1522588.987	3.49	BORDE
236	1129811.547	1522648.15	1.73	LINDERO
237	1129812.124	1522627.587	3.192	BORDE
238	1129812.199	1522581.008	1.406	FONDO
239	1129812.253	1522532.272	1.406	FONDO
240	1129812.462	1522478.873	4.037	BORDE
241	1129812.772	1522524.977	3.419	BORDE
242	1129813.369	1522563.377	1.406	FONDO
243	1129815.357	1522591.996	3.435	BORDE
244	1129815.464	1522641.935	3.357	ARBOL
245	1129815.728	1522514.344	2.533	TUBO DRENAJE 4
246	1129815.827	1522622.222	2.903	ARBOL
247	1129815.935	1522597.685	3.337	BORDE
248	1129816.456	1522588.603	3.442	BORDE
249	1129816.574	1522605.694	3.242	POSTE
250	1129817.246	1522582.918	3.491	BORDE
251	1129817.763	1522480.23	3.24	TUBO ENTRADA 4
252	1129817.766	1522478.028	3.468	TUBO ENTRADA 4
253	1129818.321	1522633.615	2.688	PTO
254	1129818.353	1522569.262	3.507	BORDE
255	1129818.604	1522527.244	3.217	ARBOL
256	1129818.835	1522526.114	3.393	BORDE

257	1129818.994	1522583.211	3.599	BORDE
258	1129819.253	1522588.883	3.646	BORDE
259	1129819.256	1522532.504	3.402	BORDE
260	1129819.664	1522569.109	3.552	BORDE
261	1129819.861	1522642.603	2.838	ARBOL
262	1129819.944	1522517.556	3.588	BORDE
263	1129820.171	1522599.926	3.465	ARBOL
264	1129820.606	1522603.605	2.846	ARBOL
265	1129820.703	1522568.89	2.736	FONDO
266	1129820.773	1522592.774	3.57	ARBOL
267	1129820.779	1522605.95	2.898	ARBOL
268	1129820.833	1522530.681	3.23	BORDE
269	1129820.859	1522540.314	3.548	ARBOL
270	1129820.892	1522512.897	2.526	FONDO
271	1129821.065	1522483.403	2.805	FONDO
272	1129821.136	1522500.633	2.352	FONDO
273	1129821.199	1522599.17	3.12	ARBOL
274	1129821.415	1522525.795	3.42	BORDE
275	1129821.457	1522535.932	3.446	ARBOL
276	1129821.56	1522587.265	2.758	BORDE
277	1129822.541	1522479.17	4.065	BORDE
278	1129822.83	1522527.311	2.651	FONDO
279	1129822.946	1522517.307	3.657	BORDE
280	1129823.171	1522626.648	4.798	CASA
281	1129823.349	1522615.383	4.782	CASA
282	1129823.643	1522598.465	3.321	PTO
283	1129823.874	1522610.478	2.965	PTO
284	1129823.956	1522513.262	3.602	BORDE
285	1129824.008	1522597.408	2.704	ARBOL
286	1129824.632	1522501.523	3.587	BORDE
287	1129824.884	1522589.691	3.387	BORDE
288	1129825.274	1522517.889	3.657	BORDE
289	1129825.529	1522599.3	2.453	ARBOL
290	1129825.533	1522479.537	4.17	BORDE
291	1129825.537	1522484.669	3.861	BORDE
292	1129825.865	1522642.938	2.381	ARBOL
293	1129826.34	1522513.626	3.602	BORDE
294	1129826.436	1522524.64	3.491	BORDE
295	1129826.733	1522479.536	4.17	BORDE
296	1129827.036	1522501.519	3.587	BORDE
297	1129827.389	1522603.847	2.269	ARBOL
298	1129827.933	1522479.535	4.17	BORDE
299	1129827.937	1522484.7	3.861	BORDE

300	1129828.708	1522599.961	2.5	ARBOL
301	1129829.152	1522501.558	2.3	FONDO
302	1129830.757	1522630.472	2.371	ARBOL
303	1129830.781	1522594.847	3.144	ARBOL
304	1129831.337	1522483.529	2.645	FONDO
305	1129831.732	1522591.235	3.056	TUBO DRENAJE 4
306	1129832.005	1522589.499	3.066	TUBO DRENAJE 4
307	1129832.298	1522629.64	4.553	BA OS
308	1129832.412	1522626.272	4.163	BA OS
309	1129832.428	1522643.619	2.943	ARBOL
310	1129833.339	1522641.998	2.724	ARBOL
311	1129834.243	1522629.037	4.066	BA OS
312	1129834.679	1522514.895	2.347	TUBO DRENAJE 4
313	1129834.719	1522599.986	1.987	ARBOL
314	1129834.813	1522627.548	5.031	BA OS
315	1129835.473	1522480.754	3.248	TUBO ENTRADA 4
316	1129835.567	1522609.975	2.816	PTO
317	1129835.728	1522478.22	3.279	TUBO ENTRADA 4
318	1129836.342	1522593.997	3.878	ARBOL
319	1129836.449	1522602.827	4.015	PTO
320	1129837.184	1522635.491	2.777	PTO
321	1129839.766	1522517.864	3.747	BORDE
322	1129839.918	1522513.878	2.63	FONDO
323	1129840.131	1522590.835	3.196	BORDE
324	1129840.153	1522482.746	2.66	FONDO
325	1129840.469	1522614.752	4.894	CASA
326	1129840.487	1522479.399	4.154	BORDE
327	1129840.525	1522496.447	2.636	FONDO
328	1129840.671	1522626.789	4.903	CASA
329	1129840.697	1522524.854	3.557	BORDE
330	1129840.803	1522588.297	2.804	FONDO
331	1129841.857	1522627.468	2.319	ARBOL
332	1129842.057	1522601.116	3.019	ARBOL
333	1129842.705	1522496.195	3.623	BORDE
334	1129842.815	1522528.178	2.592	FONDO
335	1129842.997	1522512.028	3.848	BORDE
336	1129843.107	1522644.086	3.125	ARBOL
337	1129843.27	1522484.236	3.735	BORDE
338	1129843.317	1522516.936	3.815	BORDE
339	1129843.536	1522479.924	3.843	BORDE
340	1129843.923	1522600.994	2.788	PTO
341	1129844.463	1522590.259	3.399	BORDE
342	1129844.533	1522552.153	2.534	FONDO

343	1129844.775	1522611.387	2.879	PTO
344	1129845.09	1522525.876	3.67	BORDE
345	1129845.103	1522621.721	2.628	PTO
346	1129845.106	1522496.212	3.623	BORDE
347	1129845.371	1522582.797	3.411	BORDE
348	1129845.393	1522511.9	3.848	BORDE
349	1129845.671	1522484.294	3.735	BORDE
350	1129845.711	1522516.78	3.815	BORDE
351	1129845.932	1522480.072	3.843	BORDE
352	1129846.073	1522531.521	3.537	BORDE
353	1129846.333	1522552.526	3.462	BORDE
354	1129846.495	1522496.258	2.816	FONDO
355	1129846.563	1522584.99	3.352	BORDE
356	1129846.652	1522590.67	3.497	BORDE
357	1129847.502	1522552.518	3.507	BORDE
358	1129847.584	1522531.435	3.503	BORDE
359	1129847.739	1522595.864	2.668	ARBOL
360	1129847.959	1522525.741	3.514	BORDE
361	1129847.965	1522481.961	2.956	FONDO
362	1129848.12	1522643.983	3.215	ARBOL
363	1129848.362	1522513.82	2.882	FONDO
364	1129848.539	1522551.987	2.809	FONDO
365	1129849.041	1522638.532	2.922	ARBOL
366	1129849.058	1522517.383	3.78	BORDE
367	1129849.32	1522479.328	3.901	BORDE
368	1129849.441	1522588.34	2.626	FONDO
369	1129850.151	1522527.907	2.65	FONDO
370	1129851.74	1522591.344	3.336	BORDE
371	1129851.911	1522637.722	3.283	ARBOL
372	1129852.575	1522598.371	-0.709	CASA
373	1129852.581	1522604.28	1.355	CASA
374	1129852.72	1522525.455	3.635	BORDE
375	1129853.734	1522514.671	2.526	TUBO DRENAJE 4
376	1129854.619	1522596.611	3.102	ARBOL
377	1129855.735	1522636.529	3.149	PTO
378	1129855.895	1522645.565	3.22	ARBOL
379	1129856.298	1522631.07	3.955	ARBOL
380	1129856.695	1522606.819	3.119	PTO
381	1129856.821	1522478.306	3.067	TUBO ENTRADA 4
382	1129856.897	1522480.415	2.889	TUBO ENTRADA 4
383	1129856.999	1522622.249	2.667	PTO
384	1129857.511	1522609.215	3.327	ARBOL
385	1129858.155	1522518.034	3.826	BORDE

386	1129858.344	1522641	3.441	ARBOL
387	1129859.127	1522514.672	2.876	FONDO
388	1129859.22	1522597.543	2.729	ARBOL
389	1129859.933	1522639.009	3.345	ARBOL
390	1129860.112	1522479.37	3.469	BORDE
391	1129860.183	1522500.922	2.784	FONDO
392	1129861.301	1522481.237	2.835	FONDO
393	1129861.431	1522517.31	3.781	BORDE
394	1129861.711	1522513.005	3.722	BORDE
395	1129862.426	1522500.788	3.715	BORDE
396	1129862.877	1522483.995	3.627	BORDE
397	1129862.994	1522597.336	3.299	ARBOL
398	1129863.184	1522480.155	3.538	BORDE
399	1129863.786	1522613.702	3.447	PTO
400	1129863.827	1522517.46	3.781	BORDE
401	1129864.103	1522513.078	3.722	BORDE
402	1129864.825	1522500.872	3.715	BORDE
403	1129864.902	1522604.598	-0.225	ALBERCA
404	1129865.276	1522484.091	3.627	BORDE
405	1129865.321	1522605.854	0.656	CASA
406	1129865.576	1522480.347	3.538	BORDE
407	1129865.903	1522600.91	-0.797	ALBERCA
408	1129865.975	1522501.099	2.838	FONDO
409	1129866.017	1522636.33	4.053	PTO
410	1129866.223	1522514.763	2.923	FONDO
411	1129866.342	1522598.846	0.657	CASA
412	1129866.733	1522481.495	2.841	FONDO
413	1129867.146	1522604.811	-0.133	ALBERCA
414	1129867.167	1522608.214	3.738	PTO
415	1129867.682	1522592.879	3.823	BORDE
416	1129867.712	1522517.908	3.804	BORDE
417	1129868.125	1522600.919	0.124	ALBERCA
418	1129868.44	1522598.353	2.86	PTO
419	1129868.516	1522479.438	3.577	BORDE
420	1129869.204	1522641.133	4.772	ARBOL
421	1129869.441	1522525.915	4.075	BORDE
422	1129870.063	1522589.517	2.856	FONDO
423	1129870.934	1522638.198	5.355	ARBOL
424	1129872.168	1522621.917	3.454	PTO
425	1129872.778	1522592.471	3.784	BORDE
426	1129872.972	1522514.756	2.304	TUBO DRERNAJE 4
427	1129873.381	1522569.444	3.018	FONDO
428	1129873.512	1522627.769	2.975	ARBOL

429	1129873.6	1522612.254	3.582	ARBOL
430	1129873.679	1522587.773	3.693	BORDE
431	1129873.691	1522529.528	3.049	FONDO
432	1129873.712	1522612.91	2.928	ARBOL
433	1129873.772	1522627.083	2.924	ARBOL
434	1129873.987	1522480.14	3.042	TUBO ENTRADA 4
435	1129874.015	1522478.751	3.214	TUBO ENTRADA 4
436	1129874.281	1522569.303	3.655	BORDE
437	1129874.822	1522612.133	4.276	ARBOL
438	1129874.995	1522609.138	4.605	ARBOL
439	1129875.067	1522527.044	3.92	BORDE
440	1129875.225	1522636.534	4.323	PTO
441	1129875.845	1522533.388	3.751	BORDE
442	1129876.412	1522631.651	4.746	ARBOL
443	1129876.507	1522592.889	3.719	BORDE
444	1129876.75	1522622.536	4.032	PTO
445	1129876.856	1522586.697	3.642	BORDE
446	1129877.068	1522622.183	3.214	ARBOL
447	1129877.19	1522569.523	3.593	BORDE
448	1129877.206	1522610.079	3.696	PTO
449	1129877.207	1522518.526	3.513	BORDE
450	1129877.923	1522599.605	4.287	PTO
451	1129878.056	1522569.585	2.925	FONDO
452	1129878.214	1522532.453	3.653	BORDE
453	1129879.099	1522479.959	3.781	BORDE
454	1129879.176	1522527.712	3.846	BORDE
455	1129879.363	1522515.395	2.761	FONDO
456	1129879.546	1522495.909	2.719	FONDO
457	1129879.555	1522590.53	2.783	FONDO
458	1129880.199	1522529.235	3.01	FONDO
459	1129880.392	1522517.46	3.568	BORDE
460	1129880.724	1522512.396	3.555	BORDE
461	1129880.793	1522482.36	2.787	FONDO
462	1129881.074	1522634.013	3.332	BORDE
463	1129881.293	1522521.27	2.973	ARBOL
464	1129881.419	1522610.389	4.093	PTO
465	1129881.475	1522603.116	3.753	BORDE
466	1129881.492	1522496.014	3.517	BORDE
467	1129881.53	1522643.546	3.385	BORDE
468	1129881.617	1522639.547	3.385	BORDE
469	1129881.976	1522484.3	3.529	BORDE
470	1129882.023	1522480.683	3.857	BORDE
471	1129882.03	1522597.76	3.799	BORDE

472	1129882.18	1522593.694	3.701	BORDE
473	1129882.475	1522595.262	2.921	FONDO CANAL
474	1129882.541	1522595.518	2.958	FONDO CANAL
475	1129882.786	1522517.618	3.568	BORDE
476	1129883.122	1522512.502	3.555	BORDE
477	1129883.855	1522496.022	3.517	BORDE
478	1129884.199	1522637.005	2.448	FONDO
479	1129884.376	1522484.351	3.529	BORDE
480	1129884.378	1522527.259	3.987	BORDE
481	1129884.424	1522480.715	3.857	BORDE
482	1129884.995	1522599.908	2.668	FONDO
483	1129885.245	1522518.924	3.497	BORDE
484	1129886.211	1522495.692	2.457	FONDO
485	1129886.273	1522597.595	3.602	BORDE
486	1129886.286	1522514.539	2.473	FONDO
487	1129886.394	1522483.494	2.734	FONDO
488	1129887.821	1522480.304	3.807	BORDE
489	1129887.911	1522640.295	3.229	BORDE
490	1129889.667	1522595.671	3.023	TUBO ENTRADA 3
491	1129889.867	1522593.549	2.942	TUBO ENTRADA 3
492	1129890	1522638.588	2.241	TUBO DRENAJE 4
493	1129891.495	1522515.444	2.259	TUBO DRENAJE 4
494	1129891.508	1522598.316	2.931	TUBO ENTRADA 3
495	1129891.619	1522596.372	2.99	TUBO ENTRADA 3
496	1129894.251	1522519.234	3.56	BORDE
497	1129894.371	1522480.625	3.999	BORDE
498	1129894.538	1522640.477	3.297	BORDE
499	1129895.339	1522478.806	0.403	TUBO ENTRADA 4
500	1129895.391	1522481.483	0.464	TUBO ENTRADA 4
501	1129895.728	1522484.836	2.623	FONDO
502	1129895.751	1522519.239	3.56	BORDE
503	1129895.871	1522480.63	3.999	BORDE
504	1129896.013	1522594.281	3.135	BORDE
505	1129896.226	1522514.744	2.499	FONDO
506	1129896.384	1522527.146	3.221	BORDE
507	1129896.648	1522598.122	3.519	BORDE
508	1129897.251	1522519.239	3.56	BORDE
509	1129897.371	1522480.635	3.999	BORDE
510	1129897.383	1522496.739	2.564	FONDO
511	1129897.798	1522638.638	2.539	FONDO
512	1129898.794	1522592.345	2.267	FONDO
513	1129898.838	1522519.1	3.549	BORDE
514	1129899.15	1522600.293	2.839	FONDO

515	1129899.199	1522514.306	3.581	BORDE
516	1129899.214	1522481.45	3.903	BORDE
517	1129899.26	1522496.336	3.595	BORDE
518	1129899.262	1522640.233	3.416	BORDE
519	1129899.321	1522485.503	3.693	BORDE
520	1129899.334	1522529.652	2.302	FONDO
521	1129899.885	1522593.899	3.013	BORDE
522	1129900.047	1522626.575	2.489	FONDO
523	1129900.302	1522527.982	3.105	ARBOL
524	1129900.394	1522598.863	3.666	BORDE
525	1129900.453	1522635.677	3.353	BORDE
526	1129900.644	1522594.815	3.6	ARBOL
527	1129900.722	1522527.598	3.165	BORDE
528	1129900.96	1522577.648	3.302	ARBOL
529	1129900.977	1522626.449	3.264	BORDE
530	1129901.15	1522602.935	3.446	BORDE
531	1129901.232	1522519.28	3.549	BORDE
532	1129901.264	1522561.464	2.401	FONDO
533	1129901.313	1522588.798	3.317	BORDE
534	1129901.599	1522514.4	3.581	BORDE
535	1129901.614	1522481.386	3.903	BORDE
536	1129920.836	1522478.196	4.269	BORDE CANAL
537	1129900.74	1522477.846	4.269	BORDE CANAL
538	1129920.71	1522479.901	4.269	BORDE CANAL
539	1129900.615	1522479.551	4.269	BORDE CANAL
540	1129901.66	1522496.397	3.595	BORDE
541	1129901.721	1522485.459	3.693	BORDE
542	1129920.72	1522479.325	2.863	FONDO CANAL
543	1129900.625	1522478.975	2.863	FONDO CANAL
544	1129920.825	1522478.988	2.889	FONDO CANAL
545	1129900.73	1522478.638	2.889	FONDO CANAL
546	1129901.886	1522596.881	2.917	FONDO CANAL
547	1129901.949	1522597.398	2.956	FONDO CANAL
548	1129901.968	1522532.199	3.047	BORDE
549	1129901.975	1522541.412	3.38	ARBOL
550	1129902.083	1522561.435	3.362	BORDE
551	1129902.2	1522597.991	2.943	FONDO CANAL
552	1129902.29	1522621.992	2.69	FONDO CANAL
553	1129902.472	1522594.332	2.909	FONDO CANAL
554	1129902.53	1522621.659	2.656	TUBO ENTRADA 3
555	1129902.567	1522597.947	2.915	FONDO CANAL
556	1129902.601	1522496.54	2.807	FONDO
557	1129902.679	1522621.844	2.687	FONDO CANAL

558	1129902.862	1522594.401	2.923	FONDO CANAL
559	1129902.904	1522635.997	3.335	BORDE
560	1129903.023	1522607.236	3.006	TUBO ENTRADA 3
561	1129903.057	1522626.672	3.179	BORDE
562	1129903.165	1522571.499	2.486	TUBO ENTRADA 3
563	1129903.275	1522538.903	2.613	FONDO CANAL
564	1129903.496	1522640.564	3.379	BORDE
565	1129903.496	1522644.564	3.379	BORDE
566	1129903.589	1522622.139	3.263	BORDE
567	1129903.597	1522555.464	2.678	TUBO ENTRADA 3
568	1129903.689	1522538.87	2.657	FONDO CANAL
569	1129903.851	1522590.289	3.038	BORDE
570	1129903.967	1522621.76	2.638	TUBO ENTRADA 3
571	1129904.106	1522515.911	2.686	FONDO
572	1129904.317	1522603.281	3.449	BORDE
573	1129904.33	1522618.16	3.368	BORDE
574	1129904.347	1522537.524	3.193	BORDE
575	1129904.42	1522609.371	3.358	BORDE
576	1129904.425	1522532.555	3.067	BORDE
577	1129904.425	1522595.26	3.119	BORDE
578	1129904.449	1522583.962	3.115	BORDE
579	1129904.496	1522573.174	3.171	BORDE
580	1129904.508	1522484.264	2.836	FONDO
581	1129904.51	1522607.251	2.9	TUBO ENTRADA 3
582	1129904.524	1522567.782	3.122	BORDE
583	1129904.725	1522615.011	3.508	BORDE
584	1129904.729	1522519.318	3.524	BORDE
585	1129904.886	1522556.036	2.999	BORDE
586	1129904.972	1522598.948	3.476	BORDE
587	1129905.037	1522576.609	3.299	BORDE
588	1129905.055	1522480.81	3.957	BORDE
589	1129905.181	1522549.413	3.121	BORDE
590	1129905.229	1522571.37	2.479	TUBO ENTRADA 3
591	1129905.452	1522579.697	3.288	BORDE
592	1129905.547	1522563.567	3.245	BORDE
593	1129905.708	1522542.542	3.298	BORDE
594	1129905.784	1522555.409	2.541	TUBO ENTRADA 3
595	1129905.973	1522545.098	3.235	BORDE
596	1129906.212	1522527.219	3.155	BORDE
597	1129906.225	1522561.151	3.194	BORDE
598	1129906.438	1522521.231	2.978	ARBOL
599	1129907.195	1522637.161	1.757	FONDO
600	1129907.645	1522640.994	3.372	BORDE

601	1129907.744	1522574.615	1.885	FONDO
602	1129907.824	1522593.439	1.934	FONDO
603	1129907.847	1522565.847	1.885	FONDO
604	1129907.877	1522622.087	1.757	FONDO
605	1129908.075	1522539.929	2.006	FONDO
606	1129908.36	1522530.249	2.006	FONDO
607	1129908.389	1522601.598	1.947	FONDO
608	1129908.474	1522582.739	1.934	FONDO
609	1129908.548	1522480.669	3.77	BORDE
610	1129908.576	1522611.652	1.947	FONDO
611	1129908.989	1522548.251	1.955	FONDO
612	1129909.273	1522558.263	1.955	FONDO
613	1129909.588	1522617.894	3.31	BORDE
614	1129909.907	1522577.297	3.119	BORDE
615	1129910.432	1522515.531	2.593	TUBO DRENAJE 4
616	1129910.741	1522542.333	3.184	BORDE
617	1129911.195	1522615.636	3.422	BORDE
618	1129911.267	1522598.486	3.451	BORDE
619	1129911.323	1522481.621	0.301	TUBO ENTRADA 4
620	1129911.358	1522478.918	0.375	TUBO ENTRADA 4
621	1129911.375	1522527.19	3.178	BORDE
622	1129911.41	1522563.108	3.066	BORDE
623	1129911.75	1522544.934	3.164	BORDE
624	1129911.883	1522579.821	3.232	BORDE
625	1129911.884	1522561.086	3.052	BORDE
626	1129912.545	1522596.208	3.082	BORDE
627	1129915.34	1522518.713	3.597	BORDE
628	1129915.813	1522480.693	3.95	BORDE
629	1129917.333	1522595.495	2.413	FONDO
630	1129917.433	1522596.396	3.034	BORDE
631	1129917.501	1522597.968	3.072	BORDE
632	1129917.742	1522483.495	2.887	FONDO
633	1129917.748	1522518.816	3.599	BORDE
634	1129917.931	1522515.156	3.553	BORDE
635	1129918.164	1522500.493	2.775	FONDO
636	1129918.583	1522621.698	1.757	FONDO
637	1129919.259	1522500.947	3.613	BORDE
638	1129919.5	1522583.26	1.934	FONDO
639	1129919.696	1522481.302	3.968	BORDE
640	1129919.737	1522485.55	3.741	BORDE
641	1129919.994	1522539.359	2.006	FONDO
642	1129919.998	1522575.172	1.885	FONDO
643	1129920.043	1522637.745	1.757	FONDO

644	1129920.137	1522530.011	2.006	FONDO
645	1129920.146	1522518.936	3.599	BORDE
646	1129920.188	1522611.228	1.947	FONDO
647	1129920.325	1522515.328	3.553	BORDE
648	1129920.38	1522558.121	1.955	FONDO
649	1129920.384	1522601.347	1.947	FONDO
650	1129920.711	1522547.826	1.955	FONDO
651	1129920.747	1522566.111	1.885	FONDO
652	1129921.436	1522593.957	1.934	FONDO
653	1129921.666	1522500.931	3.613	BORDE
654	1129922.626	1522500.925	2.874	FONDO
655	1129922.096	1522481.28	3.968	BORDE
656	1129922.136	1522485.576	3.741	BORDE
657	1129923.009	1522563.749	3.284	BORDE
658	1129923.107	1522561.544	3.23	BORDE
659	1129923.164	1522519.124	3.627	BORDE
660	1129923.599	1522542.241	3.434	BORDE
661	1129923.615	1522580.642	3.273	BORDE
662	1129923.687	1522545.014	3.435	BORDE
663	1129923.709	1522578.35	3.21	BORDE
664	1129923.807	1522524.396	3.312	BORDE
665	1129923.847	1522527.218	3.303	BORDE
666	1129924.287	1522483.595	2.866	FONDO
667	1129926.12	1522481.072	3.978	BORDE
668	1129927.997	1522516.053	2.546	TUBO DRENAJE 4
669	1129928.42	1522598.183	3.083	BORDE
670	1129928.968	1522615.671	3.077	BORDE
671	1129929.076	1522641.693	3.182	BORDE
672	1129929.297	1522596.854	3.087	BORDE
673	1129929.327	1522542.354	3.465	BORDE
674	1129929.399	1522545.028	3.414	BORDE
675	1129929.593	1522617.749	3.018	BORDE
676	1129929.721	1522563.629	3.254	BORDE
677	1129930.198	1522648.276	1.759	LINDERO
678	1129930.333	1522596.889	3.361	BORDE
679	1129930.482	1522645.438	3.182	BORDE
680	1129930.62	1522581.349	3.281	BORDE
681	1129930.803	1522527.167	3.312	BORDE
682	1129930.959	1522601.738	1.947	FONDO
683	1129931.014	1522548.251	1.955	FONDO
684	1129931.069	1522611.738	1.947	FONDO
685	1129931.311	1522558.426	1.955	FONDO
686	1129931.319	1522519.395	3.516	BORDE

687	1129931.347	1522561.864	3.371	BORDE
688	1129931.431	1522638.231	1.757	FONDO
689	1129931.496	1522578.757	3.361	BORDE
690	1129931.622	1522593.818	1.934	FONDO
691	1129931.625	1522621.601	1.757	FONDO
692	1129931.819	1522530.818	2.006	FONDO
693	1129931.866	1522583.93	1.934	FONDO
694	1129931.891	1522539.19	2.006	FONDO
695	1129931.915	1522575.484	1.885	FONDO
696	1129932.278	1522566.864	1.885	FONDO
697	1129932.529	1522630.198	1.613	TUBO DRENAJE 4
698	1129932.758	1522553.627	2.294	TUBO DRENAJE 4
699	1129932.793	1522481.243	3.585	BORDE
700	1129933.092	1522534.859	2.347	TUBO DRENAJE 4
701	1129933.847	1522598.502	3.122	BORDE
702	1129934.03	1522571.027	2.443	TUBO DRENAJE 4
703	1129934.103	1522484.206	2.766	FONDO
704	1129934.31	1522641.084	3.156	BORDE
705	1129934.322	1522614.907	3.056	BORDE
706	1129934.471	1522595.877	3.195	BORDE
707	1129934.591	1522596.053	3.508	BORDE
708	1129934.671	1522618.4	3.047	BORDE
709	1129934.734	1522545.336	3.665	BORDE
710	1129934.995	1522561.578	3.646	BORDE
711	1129935.056	1522542.105	3.595	BORDE
712	1129935.176	1522500.011	2.635	FONDO
713	1129935.319	1522590.983	3.05	BORDE
714	1129935.364	1522622.846	2.973	BORDE
715	1129935.379	1522577.618	3.32	BORDE
716	1129935.389	1522582.236	3.346	BORDE
717	1129935.438	1522636.47	2.902	BORDE
718	1129935.493	1522603.293	3.093	BORDE
719	1129935.522	1522528.747	3.265	BORDE
720	1129935.527	1522591.42	3.394	BORDE
721	1129935.536	1522610.142	3.033	BORDE
722	1129935.632	1522556.821	3.46	BORDE
723	1129935.644	1522550.904	3.42	BORDE
724	1129935.689	1522586.412	3.29	BORDE
725	1129935.73	1522536.888	3.55	BORDE
726	1129935.747	1522482.532	0.283	TUBO ENTRADA 4
727	1129935.834	1522532.598	3.545	BORDE
728	1129935.886	1522479.707	0.269	TUBO ENTRADA 4
729	1129936.15	1522568.811	3.35	BORDE

730	1129936.183	1522574.053	3.358	BORDE
731	1129936.29	1522564.713	3.516	BORDE
732	1129936.712	1522482.246	3.454	BORDE
733	1129936.775	1522519.571	3.627	BORDE
734	1129937.321	1522514.084	3.552	BORDE
735	1129937.771	1522487.941	3.532	BORDE
736	1129937.881	1522615.366	3.075	BORDE CANAL
737	1129938.141	1522500.054	3.54	BORDE
738	1129938.78	1522574.621	3.1	BORDE CANAL
739	1129939.214	1522524.473	3.281	BORDE CANAL
740	1129940.201	1522522.557	1.896	FONDO CANAL
741	1129940.211	1522522.843	1.831	FONDO CANAL
742	1129940.831	1522615.157	1.648	FONDO CANAL
743	1129940.866	1522637.255	1.632	FONDO CANAL
744	1129941.025	1522574.395	1.846	FONDO CANAL
745	1129941.229	1522615.156	1.704	FONDO CANAL
746	1129941.362	1522574.48	1.845	FONDO CANAL
747	1129941.382	1522522.965	1.949	FONDO CANAL
748	1129941.49	1522637.244	1.634	FONDO CANAL
749	1129941.646	1522524.421	2.115	FONDO CANAL
750	1129941.663	1522522.752	2.012	FONDO CANAL
751	1129941.802	1522524.419	1.92	FONDO CANAL
752	1129941.818	1522481.938	3.324	BORDE
753	1129942.91	1522522.238	3.18	BORDE CANAL
754	1129942.954	1522539.832	2.823	ARBOL
755	1129943.113	1522559.509	2.963	ARBOL
756	1129943.18	1522545.863	2.66	ARBOL
757	1129943.285	1522555.327	2.994	ARBOL
758	1129943.954	1522482.161	3.257	BORDE
759	1129944.251	1522487.543	3.206	BORDE
760	1129944.46	1522574.382	3.212	BORDE CANAL
761	1129944.781	1522615.66	3.314	BODE CANAL
762	1129946.734	1522600.091	3.825	BORDE
763	1129946.83	1522540.449	3.557	BORDE
764	1129947.802	1522635	3.426	BORDE
765	1129947.836	1522519.173	1.671	FONDO
766	1129948.179	1522481.613	3.329	BORDE
767	1129948.435	1522487.603	1.671	FONDO
768	1129948.626	1522644.171	3.659	BORDE
769	1129948.847	1522639.176	3.659	BORDE
770	1129950.622	1522583.375	2.013	FONDO
771	1129950.986	1522605.076	2.013	FONDO
772	1129951.392	1522554.109	1.671	FONDO

773	1129952.013	1522634.678	2.013	FONDO
774	1129954.566	1522639.794	3.655	BORDE
775	1129956.418	1522636.398	2.286	TUBO DRENAJE 6
776	1129957.359	1522518.92	1.671	FONDO
777	1129957.832	1522487.39	1.671	FONDO
778	1129958.131	1522483.194	-0.283	TUBO ENTRADA 4
779	1129958.29	1522480.134	0.056	TUBO ENTRADA 4
780	1129958.303	1522583.378	2.013	FONDO
781	1129958.371	1522605.076	2.013	FONDO
782	1129958.952	1522634.6	2.013	FONDO
783	1129959.974	1522554.043	1.671	FONDO
784	1129963.547	1522639.123	3.731	BORDE
785	1129966.018	1522487.032	1.671	FONDO
786	1129966.067	1522634.383	2.013	FONDO
787	1129966.167	1522605.076	2.013	FONDO
788	1129966.248	1522479.471	10.436	BORDE
789	1129967.566	1522554.043	1.671	FONDO
790	1129967.797	1522583.496	2.013	FONDO
791	1129968.419	1522481.34	3.092	BORDE
792	1129968.465	1522638.815	3.633	BORDE
793	1129969.052	1522631.703	3.615	BORDE
794	1129969.789	1522518.671	1.671	FONDO
795	1129969.831	1522599.773	3.82	BORDE
796	1129970.255	1522613.385	4.109	ARBOL
797	1129971.142	1522642.357	3.627	BORDE
798	1129971.535	1522633.684	3.573	BORDE
799	1129971.921	1522638.434	3.627	BORDE
800	1129942.724	1522479.651	2.525	FONDO CANAL
801	1129972.249	1522480.091	2.525	FONDO CANAL
802	1129942.755	1522479.352	2.574	FONDO CANAL
803	1129972.28	1522479.792	2.574	FONDO CANAL
804	1129972.161	1522486.811	4.653	BORDE
805	1129972.231	1522599.629	3.875	BORDE
806	1129972.293	1522478.509	3.501	LINDERO
807	1129942.784	1522478.824	3.36	BORDE CANAL
808	1129942.784	1522480.269	3.36	BORDE CANAL
809	1129972.309	1522479.264	3.36	BORDE CANAL
810	1129972.309	1522480.709	3.36	BORDE CANAL
811	1129972.952	1522523.456	3.261	BORDE
812	1129972.993	1522560.339	3.696	BORDE
813	1129973.259	1522556.041	3.594	BORDE
814	1129973.306	1522550.106	2.444	FONDO CANAL
815	1129974.069	1522549.92	2.635	FONDO CANAL

816	1129974.092	1522539.967	2.481	TUBO ENTRADA 4
817	1129974.245	1522553.552	3.619	BORDE
818	1129974.101	1522551.309	3.092	FONDO CANAL
819	1129973.504	1522482.7	2.532	FONDO CANAL
820	1129974.598	1522547.068	3.689	BORDE
821	1129974.644	1522550.867	3.199	FONDO CANAL
822	1129974.71	1522482.616	2.517	FONDO CANAL
823	1129975.044	1522535.449	3.258	BORDE
824	1129975.051	1522550.345	3.528	BORDE
825	1129975.137	1522633.75	2.04	FONDO
826	1129975.221	1522482.123	3.44	BORDE
827	1129975.369	1522522.937	3.203	BORDE
828	1129975.645	1522560.092	2.04	FONDO
829	1129975.755	1522510.246	3.185	BORDE
830	1129975.744	1522551.939	3.29	FONDO CANAL
831	1129975.76	1522551.073	3.343	FONDO CANAL
832	1129975.854	1522500.204	3.295	BORDE
833	1129975.917	1522487.431	3.381	BORDE
834	1129975.975	1522527.96	3.178	BORDE
835	1129976.015	1522531.607	3.082	BORDE
836	1129976.035	1522639.251	3.677	BORDE
837	1129976.446	1522599.504	2.04	FONDO
838	1129977.176	1522551.074	3.516	FONDO CANAL
839	1129977.066	1522505.631	3.24	BORDE
840	1129977.221	1522551.961	3.36	FONDO CANAL
841	1129977.498	1522548.066	2.806	FONDO
842	1129977.996	1522534.619	2.096	FONDO
843	1129978.624	1522524.934	2.057	FONDO
844	1129979.254	1522550.707	3.437	BORDE
845	1129979.343	1522552.881	3.57	BORDE
846	1129979.462	1522501.486	1.839	FONDO
847	1129979.524	1522510.165	2.028	FONDO
848	1129980.367	1522482.501	3.344	BORDE
849	1129980.396	1522531.932	2.959	BORDE
850	1129981.364	1522505.465	3.11	BORDE
851	1129982.024	1522528.228	3.042	BORDE
852	1129983.202	1522551.548	2.962	FONDO CANAL
853	1129983.144	1522551.978	2.838	FONDO CANAL
854	1129984.212	1522551.814	2.636	ENTRADA TUBO 4
855	1129985.388	1522479.116	3.31	LINDERO
856	1129986.319	1522639.248	3.741	BORDE
857	1129986.794	1522559.997	2.04	FONDO
858	1129987.603	1522633.541	2.04	FONDO

859	1129989.507	1522600.68	2.04	FONDO
860	1129990.749	1522553.565	4.071	BORDE
861	1129991.797	1522639.048	3.391	BORDE
862	1129991.821	1522632.683	3.3	BORDE
863	1129991.948	1522557.936	2.765	FONDO
864	1129993.684	1522600.634	3.366	BORDE
865	1129995.034	1522631.686	3.438	BORDE
866	1129995.705	1522637.457	3.208	BORDE
867	1129995.995	1522642.449	3.208	BORDE
868	1129996.044	1522600.801	3.386	BORDE
869	1129996.08	1522561.122	3.648	BORDE
870	1129996.38	1522554.502	3.864	BORDE
871	1129998.608	1522561.309	1.926	FONDO
872	1129998.648	1522633.619	1.926	FONDO
873	1129998.743	1522600.832	1.926	FONDO
874	1130000.825	1522638.476	2.853	BORDE
875	1130002.988	1522553.412	3.727	BORDE
876	1130004.843	1522635.202	1.68	TUBO DRENAJE 4
877	1130005.088	1522552.569	3.192	ENTRADA TUBO 4
878	1130003.051	1522552.599	3.294	FONDO CANAL
879	1130003.005	1522552.944	3.157	FONDO CANAL
880	1130008.717	1522638.156	1.424	BORDE
881	1130012.805	1522633.27	1.926	FONDO
882	1130012.923	1522552.462	3.043	BORDE
883	1130014.731	1522610.011	1.926	FONDO
884	1130014.339	1522531.126	2.849	BORDE
885	1130014.568	1522561.693	1.926	FONDO
886	1130014.995	1522528.4	2.901	BORDE
887	1130015.169	1522507.781	2.84	BORDE
888	1130015.359	1522637.645	1.496	BORDE
889	1130016.262	1522516.957	1.798	TUBO DRENAJE 3
890	1130016.263	1522504.471	2.964	BORDE
891	1130016.4	1522633.445	1.381	BORDE
892	1130016.668	1522547.432	0.455	FONDO
893	1130016.679	1522533.981	2.139	FONDO
894	1130016.774	1522525.641	2.058	FONDO
895	1130017.178	1522510.466	2.232	FONDO
896	1130017.499	1522483.146	2.933	BORDE
897	1130017.596	1522610.021	1.073	BORDE
898	1130018.215	1522502.324	2.234	FONDO
899	1129978.926	1522485.035	2.441	FONDO
900	1130018.552	1522487.047	2.441	FONDO
901	1130018.694	1522636.801	5.154	BORDE CANAL

902	1130018.891	1522530.917	2.915	BORDE
903	1130018.892	1522528.033	2.966	BORDE
904	1130018.963	1522508.236	2.868	BORDE
905	1130019.054	1522570.673	4.666	ARBOL
906	1130019.347	1522552.803	2.55	BORDE
907	1130019.352	1522534.672	2.835	BORDE
908	1130019.41	1522600.959	5.029	BORDE CANAL
909	1130019.728	1522503.887	2.978	BORDE
910	1130019.733	1522523.138	2.898	BORDE
911	1130020.018	1522512.466	2.831	BORDE
912	1130020.169	1522558.669	1.996	BORDE
913	1130020.491	1522499.552	2.88	BORDE
914	1130020.549	1522546.94	2.145	BORDE
915	1130020.826	1522597.362	4.605	ARBOL
916	1130020.861	1522564.565	4.347	BORDE CANAL
917	1130021.077	1522484.359	3.088	BORDE
918	1130021.367	1522488.425	2.978	BORDE
919	1130021.545	1522576.421	4.672	ARBOL
920	1130021.74	1522482.526	2.951	FONDO CANAL
921	1130021.755	1522481.901	2.93	FONDO CANAL
922	1130022.177	1522636.861	3.657	FONDO CANAL
923	1130022.321	1522570.265	4.391	ARBOL
924	1130022.538	1522588.291	3.991	ARBOL
925	1130022.541	1522561.256	3.69	ARBOL
926	1130022.978	1522601.298	3.481	FONDO CANAL
927	1130023.357	1522636.825	3.856	FONDO CANAL
928	1130022.836	1522506.777	3.708	BORDE CANAL
929	1130022.041	1522529.637	3.708	BORDE CANAL
930	1130023.733	1522481.957	3.708	BORDE CANAL
931	1130024.457	1522564.102	3.832	FONDO CANAL
932	1130024.962	1522601.79	3.648	FONDO CANAL
933	1130026.204	1522636.342	4.778	BORDE CANAL
934	1130026.349	1522564.054	3.971	FONDO CANAL
935	1130026.941	1522584.427	4.392	ARBOL
936	1130025.345	1522529.783	3.315	FONDO CANAL
937	1130026.139	1522506.923	3.315	FONDO CANAL
938	1130027.036	1522482.103	3.315	FONDO CANAL
939	1130027.336	1522601.694	4.9	BORDE CANAL
940	1130027.849	1522565.308	4.478	ARBOL
941	1130028.51	1522563.608	5.072	BORDE CANAL
942	1130027.001	1522529.914	3.371	FONDO CANAL
943	1130027.795	1522507.054	3.371	FONDO CANAL
944	1130028.692	1522482.234	3.371	FONDO CANAL

945	1130028.962	1522480.016	3.901	LINDERO
946	1130029.043	1522631.013	4.815	BORDE
947	1130029.407	1522520.503	4.191	ARBOL
948	1130030.223	1522641.652	4.897	BORDE
949	1130030.455	1522637.659	4.897	BORDE
950	1130030.835	1522601.971	5.022	BORDE
951	1130031.482	1522562.608	5.047	BORDE
952	1130029.942	1522507.093	3.884	BORDE CANAL
953	1130029.147	1522529.953	3.884	BORDE CANAL
954	1130032.093	1522482.151	3.884	BORDE CANAL
955	1130033.88	1522490.578	4.301	BORDE
956	1130035.22	1522484.497	4.282	BORDE
957	1130035.584	1522630.951	1.975	FONDO
958	1130035.901	1522637.748	4.795	BORDE
959	1130034.283	1522562.495	1.975	FONDO
960	1130033.402	1522601.956	1.975	FONDO
961	1130037.592	1522487.785	1.975	FONDO
962	1130039.429	1522483.626	4.648	BORDE
963	1130041.876	1522482.101	4.235	TUBO ENTRADA 3
964	1130042.079	1522484.047	4.217	TUBO ENTRADA 3
965	1130043.813	1522635.595	1.655	TUBO DRENAJE 6
966	1130048.887	1522482.292	4.24	TUBO ENTRADA 3
967	1130048.988	1522484.452	4.202	TUBO ENTRADA 3
968	1130052.102	1522565.082	1.975	FONDO
969	1130051.572	1522631.486	1.975	FONDO
970	1130053.258	1522528.062	1.975	FONDO
971	1130051.771	1522638.884	2.906	BORDE
972	1130054.875	1522603.386	1.975	FONDO
973	1130052.013	1522483.641	5.07	BORDE
974	1130052.865	1522488.194	1.975	FONDO
975	1130055.768	1522565.057	2.931	BORDE
976	1130055.816	1522638.256	2.972	BORDE
977	1130056.957	1522485.256	4.946	BORDE
978	1130057.013	1522528.358	3.287	BORDE
979	1130057.073	1522491.514	4.74	BORDE
980	1130057.564	1522603.502	3.133	BORDE
981	1130057.999	1522631.805	2.879	BORDE
982	1130059.728	1522638.577	2.982	BORDE
983	1130059.936	1522642.572	2.982	BORDE
984	1130060.015	1522528.371	3.277	BORDE
985	1130060.378	1522608.096	3.162	ARBOL
986	1130060.45	1522631.737	2.855	BORDE
987	1130060.538	1522564.941	2.971	BORDE

988	1130060.635	1522601.299	2.884	ARBOL
989	1130061.128	1522603.724	2.977	BORDE
990	1130061.739	1522493.192	4.834	BORDE
991	1130062.905	1522485.075	4.874	BORDE
992	1130064.464	1522634.727	1.928	FONDO
993	1130064.185	1522564.637	1.928	FONDO
994	1130063.104	1522527.933	1.928	FONDO
995	1130065.677	1522639.121	3.192	BORDE
996	1130066.31	1522489.065	1.928	FONDO
997	1130064.417	1522603.678	1.928	FONDO
998	1130069.201	1522484.165	5.125	BORDE
999	1130069.783	1522482.835	4.151	TUBO ENTRADA 3
1000	1130069.85	1522484.826	3.901	TUBO ENTRADA 3
1001	1130074.549	1522635.972	1.892	TUBO DRENAJE 6
1002	1130081.538	1522483.007	3.884	TUBO ENTRADA 3
1003	1130081.677	1522484.982	3.763	TUBO ENTRADA 3
1004	1130082.077	1522639.271	2.907	BORDE
1005	1130082.599	1522634.835	1.928	FONDO
1006	1130086.811	1522508.691	1.928	FONDO
1007	1130085.082	1522561.365	1.928	FONDO
1008	1130086.681	1522605.334	1.928	FONDO
1009	1130091.336	1522483.522	4.285	BORDE CANAL
1010	1130059.814	1522482.794	4.285	BORDE CANAL
1011	1130085.56	1522487.83	1.928	FONDO
1012	1130084.213	1522484.015	4.371	BORDE
1013	1130091.43	1522482.519	3.173	FONDO CANAL
1014	1130059.908	1522481.791	3.173	FONDO CANAL
1015	1130059.917	1522481.515	3.102	FONDO CANAL
1016	1130091.439	1522482.243	3.102	FONDO CANAL
1017	1130091.518	1522482.24	3.383	BORDE CANAL
1018	1130059.996	1522481.512	3.383	BORDE CANAL
1019	1130091.496	1522481.525	4.297	BORDE CANAL
1020	1130059.974	1522480.798	4.297	BORDE CANAL
1021	1130087.247	1522638.946	2.965	BORDE
1022	1130088.31	1522634.847	3.016	BORDE
1023	1130088.953	1522560.938	3.228	BORDE
1024	1130089.309	1522484.429	3.402	BORDE
1025	1130089.416	1522508.495	3.064	BORDE
1026	1130089.419	1522605.469	2.972	BORDE
1027	1130089.718	1522489.414	3.101	BORDE
1028	1130090.868	1522605.361	2.973	BORDE
1029	1130091.379	1522508.667	2.952	BORDE
1030	1130091.601	1522630.902	2.901	BORDE

1031	1130091.865	1522561.149	3.326	BORDE
1032	1130092.473	1522489.598	3.071	BORDE
1033	1130092.689	1522642.421	2.846	BORDE
1034	1130092.753	1522638.422	2.846	BORDE
1035	1130093.067	1522485.084	2.784	BORDE
1036	1130093.079	1522605.266	1.92	FONDO
1037	1130092.846	1522508.609	1.92	FONDO
1038	1130092.961	1522561.038	1.92	FONDO
1039	1130096.504	1522634.35	1.92	FONDO
1040	1130097.59	1522638.975	2.915	BORDE
1041	1130097.703	1522484.172	3.042	BORDE
1042	1130095.772	1522487.657	1.92	FONDO
1043	1130101.201	1522483.138	2.511	TUBO ENTRADA 3
1044	1130101.482	1522485.31	2.413	TUBO ENTRADA 3
1045	1130106.669	1522636.4	1.792	TUBO DRENAJE 6
1046	1130111.203	1522483.401	2.454	TUBO ENTRADA 3
1047	1130111.29	1522485.153	2.362	TUBO ENTRADA 3
1048	1130116.334	1522634.858	1.92	FONDO
1049	1130116.895	1522488.199	1.92	FONDO
1050	1130119.255	1522604.186	1.92	FONDO
1051	1130118.377	1522510.493	1.92	FONDO
1052	1130118.056	1522559.066	1.92	FONDO
1053	1130115.648	1522484.682	3.108	BORDE
1054	1130115.785	1522639.301	2.963	BORDE
1055	1130120.252	1522638.522	3.268	BORDE
1056	1130120.374	1522490.696	2.739	BORDE
1057	1130120.409	1522485.452	2.869	BORDE
1058	1130120.716	1522548.7	3.281	ARBOL
1059	1130120.82	1522510.659	3.218	BORDE
1060	1130121	1522559.156	3.418	BORDE
1061	1130121.096	1522632.916	3.189	BORDE
1062	1130121.414	1522604.257	3.592	BORDE
1063	1130122.692	1522490.799	2.699	BORDE
1064	1130123.241	1522510.783	3.007	BORDE
1065	1130123.469	1522642.62	3.251	BORDE
1066	1130123.531	1522632.65	3.264	BORDE
1067	1130123.567	1522486.013	2.814	BORDE
1068	1130123.651	1522638.624	3.251	BORDE
1069	1130123.699	1522604.251	3.568	BORDE
1070	1130124.01	1522558.787	3.459	BORDE
1071	1130125.133	1522510.689	1.906	FONDO
1072	1130125.181	1522604.162	1.906	FONDO
1073	1130126.743	1522635.567	1.906	FONDO

1074	1130126.097	1522488.964	1.906	FONDO
1075	1130126.369	1522558.84	1.906	FONDO
1076	1130128.066	1522485.635	2.813	BORDE
1077	1130132.041	1522486.05	2.354	TUBO ENTRADA 3
1078	1130132.054	1522639.63	3.297	BORDE
1079	1130132.113	1522484.184	2.395	TUBO ENTRADA 3
1080	1130137.213	1522635.745	1.959	TUBO DRENAJE 6
1081	1130141.657	1522485.368	2.335	TUBO ENTRADA 3
1082	1130141.659	1522483.921	2.402	TUBO ENTRADA 3
1083	1130147.015	1522488.886	1.906	FONDO
1084	1130144.71	1522640.067	3.16	BORDE
1085	1130146.038	1522484.815	2.758	BORDE
1086	1130148.372	1522636.375	1.906	FONDO
1087	1130149.413	1522618.192	1.906	FONDO
1088	1130149.704	1522528.089	1.906	FONDO
1089	1130150.137	1522569.317	1.906	FONDO
1090	1130150.44	1522485.685	2.642	BORDE
1091	1130151.048	1522639.428	2.989	BORDE
1092	1130151.203	1522490.788	2.502	BORDE
1093	1130151.683	1522633.831	2.966	BORDE
1094	1130151.803	1522528.189	3.211	BORDE
1095	1130151.83	1522569.362	2.975	BORDE
1096	1130151.88	1522618.213	2.922	BORDE
1097	1130152.887	1522490.557	2.471	BORDE
1098	1130153.585	1522486.196	2.795	BORDE
1099	1130154.004	1522633.944	3.037	BORDE
1100	1130154.01	1522643.799	3.129	BORDE
1101	1130154.051	1522639.799	3.129	BORDE
1102	1130154.923	1522527.777	3.088	BORDE
1103	1130155.155	1522569.372	3.032	BORDE
1104	1130155.38	1522607.834	3.162	BORDE
1105	1130156.145	1522489.122	1.785	FONDO
1106	1130158.345	1522485.838	2.806	BORDE
1107	1130157.247	1522569.178	1.785	FONDO
1108	1130156.991	1522608.276	1.785	FONDO
1109	1130158.195	1522636.226	1.785	FONDO
1110	1130156.398	1522527.708	1.785	FONDO
1111	1130161.994	1522639.99	2.799	BORDE
1112	1130165.509	1522486.481	2.374	TUBO ENTRADA 3
1113	1130165.563	1522484.876	2.434	TUBO ENTRADA 3
1114	1130121.701	1522483.8	2.223	FONDO CANAL
1115	1130151.871	1522484.485	2.223	FONDO CANAL
1116	1130165.756	1522484.8	2.223	FONDO CANAL

1117	1130121.714	1522483.452	2.263	FONDO CANAL
1118	1130151.884	1522484.137	2.263	FONDO CANAL
1119	1130165.769	1522484.452	2.263	FONDO CANAL
1120	1130121.728	1522482.916	3.003	BORDE CANAL
1121	1130165.783	1522483.916	3.003	BORDE CANAL
1122	1130151.898	1522483.601	3.003	BORDE CANAL
1123	1130151.911	1522484.897	2.716	BORDE CANAL
1124	1130121.741	1522484.212	2.716	BORDE CANAL
1125	1130165.796	1522485.212	2.716	BORDE CANAL
1126	1130168.471	1522637.622	1.907	TUBO DRENAJE 6
1127	1130178.088	1522635.254	1.785	FONDO
1128	1130177.042	1522644.412	3.486	BORDE
1129	1130177.144	1522640.413	3.486	BORDE
1130	1130180.11	1522489.331	1.785	FONDO
1131	1130177.992	1522485.404	3.538	BORDE
1132	1130181.993	1522619.142	1.785	FONDO
1133	1130182.925	1522544.861	1.785	FONDO
1134	1130182.984	1522510.702	1.785	FONDO
1135	1130181.496	1522584.929	1.785	FONDO
1136	1130181.282	1522639.029	3.516	BORDE
1137	1130183.088	1522630.275	3.109	BORDE
1138	1130183.487	1522619.276	3.133	BORDE
1139	1130183.799	1522485.786	3.629	BORDE
1140	1130184.229	1522585.07	2.772	BORDE
1141	1130184.503	1522491.186	3.228	BORDE
1142	1130184.552	1522510.884	3.005	BORDE
1143	1130184.759	1522544.917	2.853	BORDE
1144	1130187.001	1522483.813	2.938	LINDERO
1145	1130187.102	1522491.161	3.228	BORDE
1146	1130187.109	1522511.002	3.005	BORDE
1147	1130187.29	1522544.948	2.853	BORDE
1148	1130187.524	1522585.194	2.772	BORDE
1149	1130187.783	1522630.468	3.109	BORDE
1150	1130187.845	1522649.135	2.129	LINDERO
1151	1129827.501	1522624.129	2.748	E1
1152	1129764.361	1522583.283	3.268	E3
1153	1129761.792	1522638.794	3.173	E2