



ELBER DE J HERNÁNDEZ D
INGENIERÍA CIVIL & AMBIENTAL
CONTRATO DE CONSULTORIA N° 003 DE 2010



MUNICIPIO DE TURBO



ELBER DE J HERNÁNDEZ D
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ARCHIVOS CRUDOS ESTACIÓN TOTAL HORIZON HTS 585



ELBER DE J HERNÁNDEZ D
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COMISION A
INGENIERO LUIS JORGE MONCADA



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	12005	12007	0	1.441	12007	1.7	65.694	0	89.4904	
SD	89.89.4904									
	12005	12007	0	1.441	LAG1_04	1.7	62.046	0.1129	89.4643	MOJON
	12005	12007	0	1.441	1	0	27.693	19.5253	94.5418	LAGUNA
	12005	12007	0	1.441	2	0	26.477	20.4633	95.0825	LAGUNA
	12005	12007	0	1.441	3	0	25.579	21.2538	95.1846	LAGUNA
	12005	12007	0	1.441	4	0	24.747	22.4003	95.295	LAGUNA
	12005	12007	0	1.441	5	0	22.845	24.3914	95.5658	LAGUNA
	12005	12007	0	1.441	6	0	19.263	29.5523	97.0343	LAGUNA
	12005	12007	0	1.441	7	0	15.929	37.1821	98.3315	LAGUNA
	12005	12007	0	1.441	8	0	14.188	41.2405	99.355	LAGUNA
	12005	12007	0	1.441	9	0	11.959	56.4407	101.2547	LAGUNA
	12005	12007	0	1.441	10	0	10.948	65.3127	102.3016	LAGUNA
	12005	12007	0	1.441	11	0	10.688	105.2004	102.4629	LAGUNA
	12005	12007	0	1.441	12	0	11.19	115.3341	102.1505	LAGUNA
	12005	12007	0	1.441	13	0	12.133	124.5543	101.144	LAGUNA
	12005	12007	0	1.441	14	0	12.712	128.3047	100.4316	LAGUNA
	12005	12007	0	1.441	15	0	38.156	47.1444	93.335	LAGUNA
	12005	12007	0	1.441	16	0	36.361	51.0042	93.4415	LAGUNA
	12005	12007	0	1.441	17	0	34.354	54.4758	93.5709	LAGUNA
	12005	12007	0	1.441	18	0	32.346	60.4748	94.1219	LAGUNA
	12005	12007	0	1.441	19	0	31.164	65.5422	94.2132	LAGUNA
	12005	12007	0	1.441	20	0	29.607	73.0159	94.3448	LAGUNA
	12005	12007	0	1.441	21	0	28.934	80.5634	94.4044	LAGUNA
	12005	12007	0	1.441	22	0	28.338	89.0245	94.4716	LAGUNA
	12005	12007	0	1.441	23	0	29.076	97.1227	94.4039	LAGUNA
	12005	12007	0	1.441	24	0	24.358	104.5655	94.3434	LAGUNA
	12005	12007	0	1.441	25	0	55.046	62.291	92.2747	LAGUNA
	12005	12007	0	1.441	26	0	54.463	64.1545	92.2912	LAGUNA
	12005	12007	0	1.441	27	0	52.65	68.1101	92.3446	LAGUNA
	12005	12007	0	1.441	28	0	51.247	72.2658	92.3853	LAGUNA
	12005	12007	0	1.441	29	0	50.193	76.4836	92.4213	LAGUNA
	12005	12007	0	1.441	30	0	49.677	80.144	92.4402	LAGUNA
	12005	12007	0	1.441	31	0	49.017	84.5638	92.4534	LAGUNA
	12005	12007	0	1.441	32	0	48.832	88.3146	92.4632	LAGUNA
	12005	12007	0	1.441	33	0	48.886	94.2732	92.4633	LAGUNA
	12005	12007	0	1.441	34	0	49.133	98.0829	92.451	LAGUNA
	12005	12007	0	1.441	35	0	49.299	98.56	92.4439	LAGUNA
	12005	12007	0	1.441	36	0	70.297	68.3249	91.555	LAGUNA
	12005	12007	0	1.441	37	0	68.948	70.514	91.5745	LAGUNA
	12005	12007	0	1.441	38	0	69.51	70.0656	91.5709	LAGUNA
	12005	12007	0	1.441	39	0	69.754	69.2145	91.5617	LAGUNA
	12005	12007	0	1.441	40	0	68.05	73.2041	91.5911	LAGUNA
	12005	12007	0	1.441	41	0	66.841	75.4537	92.0059	LAGUNA
	12005	12007	0	1.441	42	0	64.796	80.4026	92.0449	LAGUNA
	12005	12007	0	1.441	43	0	63.989	84.1406	92.0653	LAGUNA
	12005	12007	0	1.441	44	0	63.326	87.5137	92.08	LAGUNA
	12005	12007	0	1.441	45	0	63.032	91.3321	92.0848	LAGUNA
	12005	12007	0	1.441	46	0	62.925	94.195	92.0912	LAGUNA
	12005	12007	0	1.441	47	0	63.047	97.1136	92.0733	LAGUNA
	12005	12007	0	1.441	48	0	57.529	81.5057	92.2055	LAGUNA
	12005	12007	0	1.441	49	0	45.653	80.0204	92.5822	LAGUNA
	12005	12007	0	1.441	50	0	37.781	77.1925	93.3431	LAGUNA
	12005	12007	0	1.441	51	0	24.86	71.1101	95.2618	LAGUNA
	12005	12007	0	1.441	52	0	13.874	52.1252	99.4739	LAGUNA
	12005	12007	0	1.441	53	0	10.974	38.0734	102.2625	LAGUNA
	12005	12007	0	1.441	54	0	10.306	30.0837	103.1638	LAGUNA
	12007	12005	0	1.433	12005	1.7	65.693	0	89.4356	
SD	89.89.4356									



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12007	12005	0	1.433	LAG1_03	1.7	66.086	359.0823	89.4329	MOJON
12007	12005	0	1.433	55	0	19.536	264.3523	96.4317	LAGUNA
12007	12005	0	1.433	56	0	19.429	267.4116	96.4701	LAGUNA
12007	12005	0	1.433	57	0	19.43	270.3227	96.4756	LAGUNA
12007	12005	0	1.433	58	0	19.643	279.5212	96.4248	LAGUNA
12007	12005	0	1.433	59	0	20.226	288.4144	96.3106	LAGUNA
12007	12005	0	1.433	60	0	21.318	296.3334	96.1102	LAGUNA
12007	12005	0	1.433	61	0	23.238	305.4553	95.4049	LAGUNA
12007	12005	0	1.433	62	0	25.087	311.3128	95.1518	LAGUNA
12007	12005	0	1.433	63	0	27.019	316.4618	94.5253	LAGUNA
12007	12005	0	1.433	64	0	30.15	322.0253	94.2206	LAGUNA
12007	12005	0	1.433	65	0	32.384	325.5031	94.0356	LAGUNA
12007	12005	0	1.433	66	0	34.166	327.4207	93.5048	LAGUNA
12007	12005	0	1.433	67	0	35.922	329.2725	93.392	LAGUNA
12007	12005	0	1.433	68	0	36.675	330.2424	93.3319	LAGUNA
12007	12005	0	1.433	69	0	37.23	268.5109	93.1616	LAGUNA
12007	12005	0	1.433	70	0	40.173	270.2711	93.1619	LAGUNA
12007	12005	0	1.433	71	0	40.144	273.2222	93.1708	LAGUNA
12007	12005	0	1.433	72	0	40.058	276.1457	93.1732	LAGUNA
12007	12005	0	1.433	73	0	40.283	280.3803	93.1615	LAGUNA
12007	12005	0	1.433	74	0	40.708	284.5408	93.1358	LAGUNA
12007	12005	0	1.433	75	0	41.522	289.0456	93.0937	LAGUNA
12007	12005	0	1.433	76	0	42.317	293.0402	93.0653	LAGUNA
12007	12005	0	1.433	77	0	43.325	296.5934	93.0241	LAGUNA
12007	12005	0	1.433	78	0	46.554	305.0337	92.4943	LAGUNA
12007	12005	0	1.433	79	0	47.801	307.3233	92.4508	LAGUNA
12007	12005	0	1.433	80	0	49.287	310.0931	92.4013	LAGUNA
12007	12005	0	1.433	81	0	59.956	268.4814	92.0939	LAGUNA
12007	12005	0	1.433	82	0	60.04	269.5845	92.1319	LAGUNA
12007	12005	0	1.433	83	0	59.961	270.511	92.1204	LAGUNA
12007	12005	0	1.433	84	0	59.896	272.4806	92.1212	LAGUNA
12007	12005	0	1.433	85	0	59.726	274.4941	92.1238	LAGUNA
12007	12005	0	1.433	86	0	59.999	276.4245	92.1141	LAGUNA
12007	12005	0	1.433	87	0	60.186	279.3622	92.1129	LAGUNA
12007	12005	0	1.433	88	0	60.488	282.2935	92.1101	LAGUNA
12007	12005	0	1.433	89	0	60.542	285.2406	92.1052	LAGUNA
12007	12005	0	1.433	90	0	61.305	288.1151	92.0855	LAGUNA
12007	12005	0	1.433	91	0	62.147	290.5536	92.0728	LAGUNA
12007	12005	0	1.433	92	0	63.283	293.3351	92.0519	LAGUNA
12007	12005	0	1.433	93	0	63.89	295.1805	92.0404	LAGUNA
12007	12005	0	1.433	94	0	64.47	296.3905	92.0248	LAGUNA
12007	12005	0	1.433	95	0	76.191	270.1027	91.4341	LAGUNA
12007	12005	0	1.433	96	0	76.267	270.5853	91.4409	LAGUNA
12007	12005	0	1.433	97	0	76.179	272.3303	91.441	LAGUNA
12007	12005	0	1.433	98	0	75.909	273.5439	91.4439	LAGUNA
12007	12005	0	1.433	99	0	75.659	276.0435	91.4501	LAGUNA
12007	12005	0	1.433	100	0	76.038	277.35	91.4502	LAGUNA
12007	12005	0	1.433	101	0	75.953	280.3958	91.442	LAGUNA
12007	12005	0	1.433	102	0	76.191	283.4641	91.4413	LAGUNA
12007	12005	0	1.433	103	0	76.863	286.0202	91.4317	LAGUNA
12007	12005	0	1.433	104	0	77.159	288.2418	91.4258	LAGUNA
12007	12005	0	1.433	105	0	77.763	290.053	91.4214	LAGUNA
12007	12005	0	1.433	106	0	78.417	292.1958	91.4132	LAGUNA
12007	12005	0	1.433	107	0	78.827	293.2602	91.4006	LAGUNA
12007	12005	0	1.433	108	0	78.792	280.5756	91.4048	LAGUNA
12007	12005	0	1.433	109	0	74.139	280.5945	91.4622	LAGUNA
12007	12005	0	1.433	110	0	67.853	280.3227	91.5652	LAGUNA
12007	12005	0	1.433	111	0	56.844	282.1345	92.1815	LAGUNA
12007	12005	0	1.433	112	0	43.532	285.4908	93.0204	LAGUNA



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	12007	12005	0	1.433	113	0	25.331	306.0817	95.1134	LAGUNA
	12007	12005	0	1.433	114	0	19.862	319.1329	96.3859	LAGUNA
	12007	12005	0	1.433	115	0	16.741	336.321	97.5235	LAGUNA
	12007	12005	0	1.433	116	0	15.029	340.3539	98.4611	LAGUNA
	12005	12007	0	1.537	12007	1.7	65.685	0	89.5333	
SD	89.89.5333									
	12005	12007	0	1.537	117	0	10.877	328.1459	106.0332	LAGUNA
	12005	12007	0	1.537	118	0	12.377	317.5428	104.0721	LAGUNA
	12005	12007	0	1.537	119	0	12.181	319.0143	104.1937	LAGUNA
	12005	12007	0	1.537	120	0	15.097	307.2153	101.3228	LAGUNA
	12005	12007	0	1.537	121	0	16.796	303.2816	100.2118	LAGUNA
	12005	12007	0	1.537	122	0	22.085	294.3351	97.5122	LAGUNA
	12005	12007	0	1.537	123	0	23.937	292.2521	97.1336	LAGUNA
	12005	12007	0	1.537	124	0	26.756	289.5846	96.2724	LAGUNA
	12005	12007	0	1.537	125	0	28.645	288.1058	96.0208	LAGUNA
	12005	12007	0	1.537	126	0	29.617	287.4758	95.5035	LAGUNA
	12005	12007	0	1.537	127	0	20.196	344.464	98.3427	LAGUNA
	12005	12007	0	1.537	128	0	20.775	339.2537	98.1955	LAGUNA
	12005	12007	0	1.537	129	0	22.159	332.0028	97.4602	LAGUNA
	12005	12007	0	1.537	130	0	23.382	327.583	97.2416	LAGUNA
	12005	12007	0	1.537	131	0	24.614	324.0753	97.0147	LAGUNA
	12005	12007	0	1.537	132	0	26.636	318.5634	96.3004	LAGUNA
	12005	12007	0	1.537	133	0	28.114	316.0025	96.0918	LAGUNA
	12005	12007	0	1.537	134	0	33.67	307.343	95.0738	LAGUNA
	12005	12007	0	1.537	135	0	34.871	306.0204	94.5706	LAGUNA
	12005	12007	0	1.537	136	0	29.297	347.5144	95.5407	LAGUNA
	12005	12007	0	1.537	137	0	30.033	344.293	95.4456	LAGUNA
	12005	12007	0	1.537	138	0	31.172	339.1852	95.331	LAGUNA
	12005	12007	0	1.537	139	0	32.599	334.2554	95.1832	LAGUNA
	12005	12007	0	1.537	140	0	34.119	329.4941	95.0424	LAGUNA
	12005	12007	0	1.537	141	0	36.316	326.1702	94.4527	LAGUNA
	12005	12007	0	1.537	142	0	38.314	322.4334	94.3032	LAGUNA
	12005	12007	0	1.537	143	0	40.38	319.2242	94.1614	LAGUNA
	12005	12007	0	1.537	144	0	41.326	318.1805	94.1041	LAGUNA
	12005	12007	0	1.537	145	0	37.649	347.5627	94.3517	LAGUNA
	12005	12007	0	1.537	146	0	37.437	345.1302	94.3136	LAGUNA
	12005	12007	0	1.537	147	0	39.397	341.0949	94.2424	LAGUNA
	12005	12007	0	1.537	148	0	41.197	335.5132	94.1328	LAGUNA
	12005	12007	0	1.537	149	0	42.781	332.1709	94.0257	LAGUNA
	12005	12007	0	1.537	150	0	44.371	328.5215	93.5531	LAGUNA
	12005	12007	0	1.537	151	0	46.31	325.2425	93.4342	LAGUNA
	12005	12007	0	1.537	152	0	47.233	323.3616	93.3958	LAGUNA
	12005	12007	0	1.537	153	0	41.683	335.5822	94.1042	LAGUNA
	12005	12007	0	1.537	154	0	37.074	333.2852	94.3936	LAGUNA
	12005	12007	0	1.537	155	0	33.88	330.44	95.0613	LAGUNA
	12005	12007	0	1.537	156	0	30.681	327.1245	95.3918	LAGUNA
	12005	12007	0	1.537	157	0	25.161	317.4301	96.5332	LAGUNA
	12005	12007	0	1.537	158	0	20.564	306.051	98.2736	LAGUNA
	12005	12007	0	1.537	159	0	17.748	290.5548	99.4816	LAGUNA
	12005	12007	0	1.537	160	0	16.951	285.1911	100.1438	LAGUNA



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	12000 AUX1	0	1.569 AUX1	1.7	16.987	0	89.2601
SD	89.89.2601						
	12000 AUX1	0	1.569 LAG1	1.7	53.875	199.4414	88.4317 DELTA
	LAG1 12000	0	1.554 12000	1.7	53.872	0	90.595
SD	90.90.5950						
	LAG1 12000	0	1.554 LAGY06	1.7	61.999	208.3129	89.4136 MOJON
	LAG1 12000	0	1.554 LAGY05	1.7	33.305	261.103	89.21 MOJON
	LAGY06 LAG1	0	1.591 LAG1	1.7	61.999	0	90.0438
SD	90.90.0438						
	LAGY06 LAG1	0	1.591 LAGY05	1.7	49.472	327.3852	89.4902 MOJON
	LAGY05 LAGY06	0.0001	1.601 LAGY06	1.7	49.467	0.0001	89.5634
SD	89.89.5634						
	LAGY05 LAGY06	0.0001	1.601 LAGY06	1.7	49.466	0	89.5634
SD	89.89.5634						
	LAGY05 LAGY06	0.0001	1.601 LAG1	1.7	33.301	264.5941	90.1533 DELTA
	LAG1 12000	0	1.559 12000	1.7	53.87	0	91.0014
SD	91.91.0014						
	LAG1 12000	0	1.559 1	0	8.092	204.3215	102.0304 LAGUNA
	LAG1 12000	0	1.559 2	0	9.883	216.0549	100.4008 LAGUNA
	LAG1 12000	0	1.559 3	0	12.436	227.351	97.5901 LAGUNA
	LAG1 12000	0	1.559 4	0	15.399	232.5824	96.4136 LAGUNA
	LAG1 12000	0	1.559 5	0	17.824	239.0118	95.4336 LAGUNA
	LAG1 12000	0	1.559 6	0	19.825	243.2908	95.0346 LAGUNA
	LAG1 12000	0	1.559 7	0	19.905	248.2342	94.4124 LAGUNA
	LAG1 12000	0	1.559 8	0	22.515	248.2344	94.4126 LAGUNA
	LAG1 12000	0	1.559 9	0	25.622	251.0228	94.0112 LAGUNA
	LAG1 12000	0	1.559 10	0	27.957	251.5221	93.4602 LAGUNA
	LAG1 12000	0	1.559 11	0	30.052	228.4632	93.2851 LAGUNA
	LAG1 12000	0	1.559 12	0	28.176	225.1956	93.4332 LAGUNA
	LAG1 12000	0	1.559 13	0	26.477	222.4205	93.5703 LAGUNA
	LAG1 12000	0	1.559 14	0	24.647	218.3245	94.1516 LAGUNA
	LAG1 12000	0	1.559 15	0	23.036	214.374	94.2522 LAGUNA
	LAG1 12000	0	1.559 16	0	21.422	207.294	94.532 LAGUNA
	LAG1 12000	0	1.559 17	0	19.941	200.0609	95.1544 LAGUNA
	LAG1 12000	0	1.559 18	0	19.003	191.4715	95.3245 LAGUNA
	LAG1 12000	0	1.559 19	0	19.061	191.244	95.3128 LAGUNA
	LAG1 12000	0	1.559 20	0	18.59	186.0118	95.3904 LAGUNA
	LAG1 12000	0	1.559 21	0	39.571	216.564	92.4055 LAGUNA
	LAG1 12000	0	1.559 22	0	38.448	215.0525	92.4645 LAGUNA
	LAG1 12000	0	1.559 23	0	36.735	211.1852	92.5343 LAGUNA
	LAG1 12000	0	1.559 24	0	35.498	208.4805	93.0119 LAGUNA
	LAG1 12000	0	1.559 25	0	33.812	205.1944	93.094 LAGUNA
	LAG1 12000	0	1.559 26	0	32.207	197.5732	93.183 LAGUNA
	LAG1 12000	0	1.559 27	0	31.147	192.3323	93.2543 LAGUNA
	LAG1 12000	0	1.559 28	0	30.431	187.1246	93.3059 LAGUNA
	LAG1 12000	0	1.559 29	0	30.684	182.2934	93.1834 LAGUNA
	LAG1 12000	0	1.559 30	0	48.745	208.3317	92.1048 LAGUNA
	LAG1 12000	0	1.559 31	0	47.951	206.5203	92.2303 LAGUNA
	LAG1 12000	0	1.559 32	0	46.596	203.3318	92.1938 LAGUNA
	LAG1 12000	0	1.559 33	0	45.539	200.1231	92.2247 LAGUNA
	LAG1 12000	0	1.559 34	0	44.691	197.3219	92.254 LAGUNA
	LAG1 12000	0	1.559 35	0	43.858	192.1818	92.312 LAGUNA
	LAG1 12000	0	1.559 36	0	43.574	188.583	92.2604 LAGUNA
	LAGY05 LAG1	0	1.618 LAG1	1.7	33.307	0	90.1618
SD	90.90.1618						
	LAGY05 LAG1	0	1.618 37	0	14.295	159.4936	99.2314 LAGUNA
	LAGY05 LAG1	0	1.618 38	0	14.004	171.2259	99.3509 LAGUNA
	LAGY05 LAG1	0	1.618 39	0	11.166	193.3151	102.0305 LAGUNA
	LAGY05 LAG1	0	1.618 40	0	12.266	202.0412	100.5555 LAGUNA



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	LAGY05 LAG1	0	1.618	41	0	13.725	216.1732	99.4534 LAGUNA
	LAGY05 LAG1	0	1.618	42	0	14.738	226.0527	99.0521 LAGUNA
	LAGY05 LAG1	0	1.618	43	0	14.616	233.591	99.1001 LAGUNA
	LAGY05 LAG1	0	1.618	44	0	16.918	236.5004	97.534 LAGUNA
	LAGY05 LAG1	0	1.618	45	0	20.508	246.2033	96.3054 LAGUNA
	LAGY05 LAG1	0	1.618	46	0	22.486	248.4044	95.5646 LAGUNA
	LAGY05 LAG1	0	1.618	47	0	26.607	250.0453	95.0104 LAGUNA
	LAGY05 LAG1	0	1.618	48	0	29.172	251.0143	94.3305 LAGUNA
	LAGY05 LAG1	0	1.618	49	0	40.376	225.2148	93.1814 LAGUNA
	LAGY05 LAG1	0	1.618	50	0	40.146	222.0419	93.1928 LAGUNA
	LAGY05 LAG1	0	1.618	51	0	39.349	210.0421	93.2325 LAGUNA
	LAGY05 LAG1	0	1.618	52	0	39.283	207.1727	93.2326 LAGUNA
	LAGY05 LAG1	0	1.618	53	0	36.76	198.4617	93.3712 LAGUNA
	LAGY05 LAG1	0	1.618	54	0	35.191	195.1105	93.4737 LAGUNA
	LAGY05 LAG1	0	1.582 LAG1	1.7	33.338	0	90.131	
SD	90.90.1310							
	LAGY05 LAG1	0	1.582	55	0	33.098	174.3016	93.5738 LAGUNA
	LAGY05 LAG1	0	1.582	56	0	33.37	180.2838	93.5604 LAGUNA
	LAGY05 LAG1	0	1.582	57	0	31.765	189.4158	94.07 LAGUNA
	LAGY05 LAG1	0	1.582	58	0	30.694	196.5256	94.1555 LAGUNA
	LAGY05 LAG1	0	1.582	59	0	61.125	209.3629	92.09 LAGUNA
	LAGY05 LAG1	0	1.582	60	0	60.59	206.5916	92.0931 LAGUNA
	LAGY05 LAG1	0	1.582	61	0	58.143	202.1035	92.1539 LAGUNA
	LAGY05 LAG1	0	1.582	62	0	59.796	200.1516	92.1225 LAGUNA
	LAGY05 LAG1	0	1.582	63	0	56.673	191.3224	92.1912 LAGUNA
	LAGY05 LAG1	0	1.582	64	0	55.716	189.2346	92.2138 LAGUNA
	LAGY05 LAG1	0	1.582	65	0	54.04	181.3426	92.2555 LAGUNA
	LAGY05 LAG1	0	1.582	66	0	53.222	179.3204	92.2751 LAGUNA
	LAGY05 LAG1	0	1.582	67	0	70.76	180.0849	91.5126 LAGUNA
	LAGY05 LAG1	0	1.582	68	0	71.745	182.1051	91.5021 LAGUNA
	LAGY05 LAG1	0	1.582	69	0	73.618	184.3103	91.4707 LAGUNA
	LAGY05 LAG1	0	1.582	70	0	72.92	187.1637	91.4815 LAGUNA
	LAGY05 LAG1	0	1.582	71	0	73.647	192.2055	91.4654 LAGUNA
	LAGY05 LAG1	0	1.582	72	0	76.351	197.2928	91.4333 LAGUNA
	LAGY05 LAG1	0	1.582	73	0	77.615	200.1518	91.4157 LAGUNA
	LAGY05 LAG1	0	1.582	74	0	77.708	202.5857	91.4139 LAGUNA
	LAGY05 LAG1	0	1.582	75	0	73.48	206.2154	91.4733 LAGUNA
	LAGY05 LAG1	0	1.584 LAG1	1.7	33.304	0	90.1357	
SD	90.90.1357							
	LAGY05 LAG1	0	1.584	76	0	11.525	249.0219	101.3759 LAGUNA
	LAGY05 LAG1	0	1.584	77	0	17.167	226.4518	97.4701 LAGUNA
	LAGY05 LAG1	0	1.584	78	0	25.91	210.16	95.0841 LAGUNA
	LAGY05 LAG1	0	1.584	79	0	37.716	203.2322	93.313 LAGUNA
	LAGY05 LAG1	0	1.584	80	0	51.568	199.1118	92.3436 LAGUNA
	LAGY05 LAG1	0	1.584	81	0	58.081	197.5205	92.1633 LAGUNA
	LAGY05 LAG1	0	1.584	82	0	65.147	195.2035	92.0203 LAGUNA
	LAGY05 LAG1	0	1.584	83	0	72.489	193.2351	91.4943 LAGUNA
	LAGY05 LAG1	0	1.584	84	0	79.192	191.2953	91.4021 LAGUNA
	LAGY06 LAG1	0.0001	1.585 LAG1	1.7	62.025	0.0001	90.0416	
SD	90.90.0416							
	LAGY06 LAG1	0.0001	1.585	85	0	19.676	311.1333	96.3335 LAGUNA
	LAGY06 LAG1	0.0001	1.585	86	0	21.143	305.4406	96.0552 LAGUNA
	LAGY06 LAG1	0.0001	1.585	87	0	19.556	247.4929	96.3442 LAGUNA
	LAGY06 LAG1	0.0001	1.585	88	0	19.498	256.1251	96.4208 LAGUNA
	LAGY06 LAG1	0.0001	1.585	89	0	20.545	269.3614	96.0534 LAGUNA
	LAGY06 LAG1	0.0001	1.585	90	0	25.219	279.4241	95.1911 LAGUNA
	LAGY06 LAG1	0.0001	1.585	91	0	27.168	284.0814	94.4539 LAGUNA
	LAGY06 LAG1	0.0001	1.585	92	0	31.858	291.0956	94.0838 LAGUNA
	LAGY06 LAG1	0.0001	1.585	93	0	29.873	288.123	94.2328 LAGUNA



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	LAGY06 LAG1	0.0001	1.585	94	0	37.429	295.3009	93.2558 LAGUNA
	LAGY06 LAG1	0.0001	1.585	95	0	34.821	293.0053	93.3532 LAGUNA
	LAGY06 LAG1	0.0001	1.585	96	0	49.799	280.0253	92.3642 LAGUNA
	LAGY06 LAG1	0.0001	1.585	97	0	47.527	277.1659	92.4514 LAGUNA
	LAGY06 LAG1	0.0001	1.585	98	0	45.88	276.4904	92.5121 LAGUNA
	LAGY06 LAG1	0.0001	1.585	99	0	43.938	272.5156	92.5953 LAGUNA
	LAGY06 LAG1	0.0001	1.585	100	0	41.95	266.0354	93.0648 LAGUNA
	LAGY06 LAG1	0.0001	1.585	101	0	39.415	262.1016	93.1839 LAGUNA
	LAGY06 LAG1	0.0001	1.585	102	0	39.011	251.5638	93.1935 LAGUNA
	LAGY06 LAG1	0.0001	1.585	103	0	38.159	247.4441	93.2402 LAGUNA
	LAGY06 LAG1	0.0001	1.585	104	0	38.927	247.3056	93.1942 LAGUNA
	LAGY06 LAG1	0.0001	1.585	105	0	37.99	242.1049	93.192 LAGUNA
	LAGY06 LAG1	0.0001	1.585	106	0	69.79	267.4648	91.5309 LAGUNA
	LAGY06 LAG1	0.0001	1.585	107	0	68.413	265.1737	91.5536 LAGUNA
	LAGY06 LAG1	0.0001	1.585	108	0	66.224	262.0847	91.5905 LAGUNA
	LAGY06 LAG1	0.0001	1.585	109	0	64.717	258.4557	92.021 LAGUNA
	LAGY06 LAG1	0.0001	1.585	110	0	64.064	254.5125	92.0246 LAGUNA
	LAGY06 LAG1	0.0001	1.585	111	0	62.525	251.5124	92.0537 LAGUNA
	LAGY06 LAG1	0.0001	1.585	112	0	62.461	247.2102	92.0543 LAGUNA
	LAGY06 LAG1	0.0001	1.585	113	0	61.236	245.0606	92.1041 LAGUNA
	LAGY06 LAG1	0.0001	1.585	114	0	61.492	243.2959	92.0954 LAGUNA
	LAGY06 LAG1	0.0001	1.585	115	0	60.896	242.0853	92.1238 LAGUNA
	LAGY06 LAG1	0.0001	1.585	116	0	81.84	262.2528	91.4004 LAGUNA
	LAGY06 LAG1	0.0001	1.585	117	0	79.824	260.0726	91.3901 LAGUNA
	LAGY06 LAG1	0.0001	1.585	118	0	78.522	257.0839	91.4022 LAGUNA
	LAGY06 LAG1	0.0001	1.585	119	0	78.435	255.4856	91.4128 LAGUNA
	LAGY06 LAG1	0.0001	1.585	120	0	76.437	249.2117	91.4308 LAGUNA
	LAGY06 LAG1	0.0001	1.585	121	0	75.498	247.0902	91.4424 LAGUNA
	LAGY06 LAG1	0.0001	1.585	122	0	75.127	244.0829	91.4527 LAGUNA
	LAGY06 LAG1	0.0001	1.585	123	0	75.129	241.5239	91.4503 LAGUNA
	LAGY06 LAG1	0.0001	1.585	124	0	80.313	250.2243	91.3822 LAGUNA
	LAGY06 LAG1	0.0001	1.585	125	0	77.202	250.4703	91.4208 LAGUNA
	LAGY06 LAG1	0.0001	1.585	126	0	66.946	252.4038	91.5716 LAGUNA
	LAGY06 LAG1	0.0001	1.585	127	0	64.42	252.5715	92.0201 LAGUNA
	LAGY06 LAG1	0.0001	1.585	128	0	50.226	259.2439	92.3636 LAGUNA
	LAGY06 LAG1	0.0001	1.585	129	0	47.14	260.5332	92.4641 LAGUNA
	LAGY06 LAG1	0.0001	1.585	130	0	34.295	271.1805	93.4753 LAGUNA
	LAGY06 LAG1	0.0001	1.585	131	0	32.469	272.5827	93.5936 LAGUNA
	LAGY06 LAG1	359.5959	1.585 LAG1	1.7	61.999	359.5959	90.0454	
SD	90.90.0454							
	LAGY06 LAG1	359.5959	1.585 LAG2	1.7	85.355	252.0139	89.5253 DELTA	
	LAG2 LAGY06	0	1.593 LAGY06	1.7	85.347	0	89.59	
SD	89.89.5900							
	LAG2 LAGY06	0	1.593	132	0	18.817	210.4511	97.5421 LAGUNA
	LAG2 LAGY06	0	1.593	133	0	16.107	205.39	99.1346 LAGUNA
	LAG2 LAGY06	0	1.593	134	0	15.043	191.4636	99.5322 LAGUNA
	LAG2 LAGY06	0	1.593	135	0	12.082	170.5715	102.1732 LAGUNA
	LAG2 LAGY06	0	1.593	136	0	13.848	145.081	100.4532 LAGUNA
	LAG2 LAGY06	0	1.593	137	0	14.884	131.3628	99.5957 LAGUNA
	LAG2 LAGY06	0	1.593	138	0	18.907	124.3134	97.5835 LAGUNA
	LAG2 LAGY06	0	1.593	139	0	20.815	116.3225	97.0538 LAGUNA
	LAG2 LAGY06	0	1.593	140	0	22.004	119.0036	96.4307 LAGUNA
	LAG2 LAGY06	0	1.593	141	0	23.671	113.555	96.1457 LAGUNA
	LAG2 LAGY06	0	1.593	142	0	33.315	132.0005	94.2638 LAGUNA
	LAG2 LAGY06	0	1.593	143	0	32.008	138.1349	94.3721 LAGUNA
	LAG2 LAGY06	0	1.593	144	0	31.715	149.3018	94.3958 LAGUNA
	LAG2 LAGY06	0	1.593	145	0	30.891	155.5055	94.472 LAGUNA
	LAG2 LAGY06	0	1.593	146	0	31.429	166.0759	94.4409 LAGUNA
	LAG2 LAGY06	0	1.593	147	0	30.557	173.3908	94.501 LAGUNA



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	LAG2 LAGY06	0	1.593	148	0	33.877	186.1351	94.2238 LAGUNA
	LAG2 LAGY06	0	1.593	149	0	34.454	190.0816	94.1741 LAGUNA
	LAG2 LAGY06	0	1.593	150	0	51.21	180.4125	92.5257 LAGUNA
	LAG2 LAGY06	0	1.593	151	0	50.836	176.5758	92.5423 LAGUNA
	LAG2 LAGY06	0	1.593	152	0	49.725	171.1535	92.5922 LAGUNA
	LAG2 LAGY06	0	1.593	153	0	49.725	167.1609	92.5923 LAGUNA
	LAG2 LAGY06	0	1.593	154	0	53.075	162.0814	92.4732 LAGUNA
	LAG2 LAGY06	0	1.593	155	0	53.274	158.3643	92.4636 LAGUNA
	LAG2 LAGY06	0	1.593	156	0	55.105	147.5819	92.4118 LAGUNA
	LAG2 LAGY06	0	1.593	157	0	55.011	145.1601	92.4005 LAGUNA
	LAG2 LAGY06	0.0001	1.598	LAGY06	1.7	85.363	0.0001	89.5836
SD	89.89.5836							
	LAG2 LAGY06	0.0001	1.598	158	0	72.061	152.1816	92.0248 LAGUNA
	LAG2 LAGY06	0.0001	1.598	159	0	71.549	154.4604	92.0353 LAGUNA
	LAG2 LAGY06	0.0001	1.598	160	0	70.201	161.0035	92.0527 LAGUNA
	LAG2 LAGY06	0.0001	1.598	161	0	71.135	163.3757	92.0454 LAGUNA
	LAG2 LAGY06	0.0001	1.598	162	0	71.89	167.1543	92.0252 LAGUNA
	LAG2 LAGY06	0.0001	1.598	163	0	71.801	169.3804	92.0252 LAGUNA
	LAG2 LAGY06	0.0001	1.598	164	0	72.772	173.4405	92.0125 LAGUNA
	LAG2 LAGY06	0.0001	1.598	165	0	72.543	176.0336	92.0154 LAGUNA
	LAG2 LAGY06	0.0001	1.598	166	0	74.982	164.2149	91.5755 LAGUNA
	LAG2 LAGY06	0.0001	1.598	167	0	71.759	164.4022	92.0322 LAGUNA
	LAG2 LAGY06	0.0001	1.598	168	0	59.437	165.5424	92.2822 LAGUNA
	LAG2 LAGY06	0.0001	1.598	169	0	56.155	166.085	92.3737 LAGUNA
	LAG2 LAGY06	0.0001	1.598	170	0	42.867	165.1201	93.2608 LAGUNA
	LAG2 LAGY06	0.0001	1.598	171	0	39.474	165.4514	93.4403 LAGUNA
	LAG2 LAGY06	0.0001	1.598	172	0	27.617	165.5407	95.1941 LAGUNA
	LAG2 LAGY06	0.0001	1.598	173	0	22.639	161.1246	96.294 LAGUNA
	LAG2 LAGY06	0.0001	1.598	174	0	9.416	164.1817	105.5058 LAGUNA
	LAG2 LAGY06	0.0001	1.598	175	0	6.667	152.4346	112.3254 LAGUNA
	LAG2 LAGY06	0.0001	1.598	LAG3	1.7	29.071	255.4024	89.4958 DELTA
	LAG3 LAG2	0	1.583	LAG2	1.7	29.066	0	89.4649
SD	89.89.4649							
	LAG3 LAG2	0	1.583	176	0	15.065	62.5726	99.38 LAGUNA
	LAG3 LAG2	0	1.583	177	0	14.002	73.3549	100.2037 LAGUNA
	LAG3 LAG2	0	1.583	178	0	14.299	69.2118	100.0716 LAGUNA
	LAG3 LAG2	0	1.583	179	0	12.344	107.4648	101.4542 LAGUNA
	LAG3 LAG2	0	1.583	180	0	12.876	117.3353	101.1505 LAGUNA
	LAG3 LAG2	0	1.583	181	0	16.692	136.18	98.3914 LAGUNA
	LAG3 LAG2	0	1.583	182	0	18.099	142.3143	97.5953 LAGUNA
	LAG3 LAG2	0	1.583	183	0	24.977	152.3235	95.4551 LAGUNA
	LAG3 LAG2	0	1.583	184	0	27.8	157.5209	95.1144 LAGUNA
	LAG3 LAG2	0	1.583	185	0	44.413	125.0015	93.1433 LAGUNA
	LAG3 LAG2	0	1.583	186	0	43.07	121.4908	93.2209 LAGUNA
	LAG3 LAG2	0	1.583	187	0	39.627	112.063	93.3852 LAGUNA
	LAG3 LAG2	0	1.583	188	0	38.239	107.5108	93.4635 LAGUNA
	LAG3 LAG2	0	1.583	189	0	37.167	99.3348	93.52 LAGUNA
	LAG3 LAG2	0	1.583	190	0	36.27	95.1322	93.5843 LAGUNA
	LAG3 LAG2	0	1.583	191	0	36.155	84.4216	93.5843 LAGUNA
	LAG3 LAG2	0	1.583	192	0	36.257	80.2256	93.5856 LAGUNA
	LAG3 LAG2	0	1.583	193	0	61.379	85.0518	92.2101 LAGUNA
	LAG3 LAG2	0	1.583	194	0	61.104	87.4814	92.2129 LAGUNA
	LAG3 LAG2	0	1.583	195	0	62.175	93.2816	92.1846 LAGUNA
	LAG3 LAG2	0	1.583	196	0	62.691	96.2218	92.1846 LAGUNA
	LAG3 LAG2	0	1.583	197	0	63.263	101.4715	92.1612 LAGUNA
	LAG3 LAG2	0	1.583	198	0	63.696	104.1101	92.1545 LAGUNA
	LAG3 LAG2	0	1.583	199	0	65.598	110.0843	92.1131 LAGUNA
	LAG3 LAG2	0	1.583	200	0	66.209	112.39	92.1007 LAGUNA
	LAG3 LAG2	0	1.583	201	0	74.448	109.3007	91.5606 LAGUNA



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	LAG3	LAG2	0	1.583	202	0	73.249	107.2309	91.5809	LAGUNA
	LAG3	LAG2	0	1.583	203	0	71.695	104.3303	92.0049	LAGUNA
	LAG3	LAG2	0	1.583	204	0	69.691	102.1453	92.0355	LAGUNA
	LAG3	LAG2	0	1.583	205	0	67.85	98.1648	92.0723	LAGUNA
	LAG3	LAG2	0	1.583	206	0	68.016	95.2801	92.0705	LAGUNA
	LAG3	LAG2	0	1.583	207	0	69.329	91.4809	92.0448	LAGUNA
	LAG3	LAG2	0	1.583	208	0	68.66	89.3256	92.0606	LAGUNA
	LAG3	LAG2	0	1.583	209	0	68.97	86.5631	92.0518	LAGUNA
	LAG3	LAG2	0	1.583	210	0	69.263	84.5545	92.045	LAGUNA
	LAG3	LAG2	0	1.583	211	0	76.209	96.4522	91.5316	LAGUNA
	LAG3	LAG2	0	1.583	212	0	73.055	96.5804	91.5816	LAGUNA
	LAG3	LAG2	0	1.583	213	0	68.442	97.4117	92.0624	LAGUNA
	LAG3	LAG2	0	1.583	214	0	65.339	97.4918	92.1204	LAGUNA
	LAG3	LAG2	0	1.583	215	0	52.557	98.3621	92.4448	LAGUNA
	LAG3	LAG2	0	1.583	216	0	49.586	99.1648	92.5445	LAGUNA
	LAG3	LAG2	0	1.583	217	0	36.652	101.5135	93.5535	LAGUNA
	LAG3	LAG2	0	1.583	218	0	33.377	101.3615	94.1921	LAGUNA
	LAG3	LAG2	0	1.583	219	0	19.668	108.3138	97.1941	LAGUNA
	LAG3	LAG2	0	1.583	220	0	17.606	111.4442	98.3723	LAGUNA
	LAG3	LAG2	0	1.583	221	0	9.865	131.4825	104.4754	LAGUNA
	LAG3	LAG2	0	1.583	222	0	8.228	140.3133	107.5014	LAGUNA
	LAG1	12000	0.0001	1.578	12000	1.7	53.92	0.0001	91.3012	
SD	91.91.3012									
	LAG1	12000	0.0001	1.578	223	1.7	6.087	174.1339	90.3158	BORDLAGUNA
	LAG1	12000	0.0001	1.578	224	1.7	2.684	189.5546	94.2852	BORDLAGUNA
	LAG1	12000	0.0001	1.578	225	1.7	1.635	278.1135	92.1111	BORDLAGUNA
	LAG1	12000	0.0001	1.578	226	1.7	4.81	307.3028	91.0331	BORDLAGUNA
	LAG1	12000	0.0001	1.578	227	1.7	8.376	304.0137	90.5233	BORDLAGUNA
	LAG1	12000	0.0001	1.578	228	1.7	13	295.0438	90.4129	BORDLAGUNA
	LAG1	12000	0.0001	1.578	229	1.7	16.379	288.4726	90.2242	BORDLAGUNA
	LAG1	12000	0.0001	1.578	230	1.7	18.003	287.2141	90.2416	BORDLAGUNA
	LAG1	12000	0.0001	1.578	231	1.7	22.217	281.4107	90.4729	BORDLAGUNA
	LAG1	12000	0.0001	1.578	232	1.7	25.995	278.1029	90.1924	BORDLAGUNA
	LAG1	12000	0.0001	1.578	233	1.7	28.232	273.5859	90.2053	BORDLAGUNA
	LAG1	12000	0.0001	1.578	234	1.7	29.988	265.4928	90.1441	BORDLAGUNA
	LAG1	12000	0.0001	1.578	235	1.7	31.79	257.5822	90.3229	BORDLAGUNA
	LAG1	12000	0.0001	1.578	236	1.7	32.943	250.5545	90.2216	BORDLAGUNA
	LAG1	12000	0.0001	1.578	237	1.7	34.414	243.3915	90.2209	BORDLAGUNA
	LAG1	12000	0.0001	1.578	238	1.7	36.664	236.1143	90.193	BORDLAGUNA
	LAG1	12000	0.0001	1.578	239	1.7	40.217	228.0524	90.2139	BORDLAGUNA
	LAG1	12000	0.0001	1.578	240	1.7	42.982	223.1637	90.193	BORDLAGUNA
	LAG1	12000	0.0001	1.578	241	1.7	48.945	216.105	90.3013	BORDLAGUNA
	LAG1	12000	0.0001	1.578	242	1.7	52.343	213.3448	90.203	BORDLAGUNA
	LAG1	12000	0.0001	1.578	243	1.7	57.157	209.0636	90.2417	BORDLAGUNA
	LAG1	12000	0.0001	1.578	244	1.7	59.371	204.1654	90.2537	BORDLAGUNA
	LAG1	12000	0.0001	1.578	245	1.7	58.938	199.0846	90.2725	BORDLAGUNA
	LAG1	12000	0.0001	1.578	246	1.7	57.809	195.3032	90.2531	BORDLAGUNA
	LAG1	12000	0.0001	1.578	247	1.7	56.473	190.4747	90.4219	BORDLAGUNA
	LAG1	12000	0.0001	1.578	248	1.7	54.734	184.4427	90.2514	BORDLAGUNA
	LAG1	12000	0.0001	1.578	249	1.7	51.639	181.0421	90.4322	BORDLAGUNA
	LAG1	12000	0.0001	1.578	250	1.7	49.749	178.1923	90.25	BORDLAGUNA
	LAG1	12000	0.0001	1.578	251	1.7	42.218	177.0348	90.3954	BORDLAGUNA
	LAG1	12000	0.0001	1.578	252	1.7	33.377	175.2802	90.1022	BORDLAGUNA
	LAG1	12000	0.0001	1.578	253	1.7	27.028	175.4238	90.2849	BORDLAGUNA
	LAG1	12000	0.0001	1.578	254	1.7	18.176	175.0548	90.2705	BORDLAGUNA
	LAG1	12000	0.0001	1.578	255	1.7	10.691	173.2717	90.4609	BORDLAGUNA
	LAG1	12000	0.0001	1.578	256	1.7	4.6	175.3353	91.0924	BORDLAGUNA
	LAG1	12000	0.0001	1.578	257	1.7	16.693	288.5905	89.2304	ESTRUCTURA
	LAG1	12000	0.0001	1.578	258	1.7	17.359	294.2336	90.0922	ESTRUCTURA



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LAG1	12000	0.0001	1.578	259	1.7	17.714	287.3721	89.2517 ESTRUCTURA
LAG1	12000	0.0001	1.578	260	1.7	17.903	288.5647	89.2743 ESTRUCTURA
LAG1	12000	0.0001	1.578	261	1.7	18.184	289.1505	89.31 ESTRUCTURA
LAG1	12000	0.0001	1.578	262	1.7	18.461	288.5201	89.3326 ESTRUCTURA
LAG1	12000	0.0001	1.578	263	1.7	16.175	283.2006	91.4141 ESTRUCTURA
LAG1	12000	0.0001	1.578	264	1.7	16.342	283.1129	91.4304 ESTRUCTURA
LAG1	12000	0.0001	1.578	265	1.7	16.64	288.5517	90.093 ESTRUCTURA
LAG1	12000	0.0001	1.578	266	1.7	16.812	288.4146	90.1102 ESTRUCTURA
LAG1	12000	0.0001	1.578	267	1.7	17.043	281.5749	91.3202 ESTRUCTURA
LAG1	12000	0.0001	1.578	268	1.7	17.205	281.3618	91.3228 ESTRUCTURA
LAG1	12000	0.0001	1.578	269	1.7	17.508	287.481	89.4641 ESTRUCTURA
LAG1	12000	0.0001	1.578	270	1.7	17.684	287.3014	89.4608 ESTRUCTURA
LAG1	12000	0.0001	1.578	271	1.7	16.941	282.1041	92.0506 ESTRUCTURA
LAG1	12000	0.0001	1.578	272	1.7	16.488	283.1403	92.084 ESTRUCTURA
LAG1	12000	0.0001	1.578	273	1.7	16.797	288.3408	92.1342 ESTRUCTURA
LAG1	12000	0.0001	1.578	274	1.7	17.44	287.433	92.0943 ESTRUCTURA
LAG1	12000	0.0001	1.578	275	1.7	16.659	281.5056	92.0805 ESTRUCTURA
LAG1	12000	0.0001	1.578	276	1.7	59.751	190.5611	90.0742 ESTRUCTURA
LAG1	12000	0.0001	1.578	277	1.7	60.028	191.5852	90.0708 ESTRUCTURA
LAG1	12000	0.0001	1.578	278	1.7	59.598	191.1615	90.0808 ESTRUCTURA
LAG1	12000	0.0001	1.578	279	1.7	59.731	191.443	90.0725 ESTRUCTURA
LAG1	12000	0.0001	1.578	280	1.7	59.322	191.1315	90.0854 ESTRUCTURA
LAG1	12000	0.0001	1.578	281	1.7	59.505	191.5406	90.0705 ESTRUCTURA
LAG1	12000	0.0001	1.578	282	1.7	57.372	191.2724	90.0642 ESTRUCTURA
LAG1	12000	0.0001	1.578	283	1.7	57.454	191.4032	90.0644 ESTRUCTURA
LAG1	12000	0.0001	1.578	284	1.7	58.938	192.1635	90.0755 ESTRUCTURA
LAG1	12000	0.0001	1.578	285	1.7	58.679	192.0718	90.0734 ESTRUCTURA
LAG1	12000	0.0001	1.578	286	1.7	58.693	192.1246	90.0733 ESTRUCTURA
LAG1	12000	0.0001	1.578	287	1.7	57.96	192.1745	90.073 ESTRUCTURA
LAG1	12000	0.0001	1.578	288	1.7	58.01	192.243	90.0853 ESTRUCTURA
LAG1	12000	0.0001	1.578	289	1.7	57.842	192.3115	90.0737 ESTRUCTURA
LAG1	12000	0.0001	1.578	290	1.7	57.587	192.2153	90.0701 ESTRUCTURA
LAG1	12000	0.0001	1.578	291	1.7	57.641	192.3425	90.0708 ESTRUCTURA
LAG1	12000	0.0001	1.578	292	1.7	55.847	191.5217	90.4135 ESTRUCTURA
LAG1	12000	0.0001	1.578	293	1.7	55.886	192.045	90.413 ESTRUCTURA
LAG1	12000	0.0001	1.578	294	1.7	56.152	192.5747	90.4041 ESTRUCTURA
LAG1	12000	0.0001	1.578	295	1.7	56.109	192.4646	90.4026 ESTRUCTURA
LAG1	12000	0.0001	1.578	296	1.7	55.959	192.2644	90.5513 ESTRUCTURA
LAG1	12000	0.0001	1.578	297	1.7	59.316	191.1607	90.532 ESTRUCTURA
LAG1	12000	0.0001	1.578	298	1.7	59.513	191.2028	90.5351 ESTRUCTURA
LAG1	12000	0.0001	1.578	299	1.7	59.671	191.4531	90.5406 ESTRUCTURA
LAG1	12000	0.0001	1.578	300	1.7	59.468	191.5302	90.5407 ESTRUCTURA
LAG1	12000	0.0001	1.578	301	1.7	59.638	191.2828	90.2645 ESTRUCTURA
LAG1	12000	0.0001	1.578	302	1.7	59.567	191.2916	90.4909 ESTRUCTURA
LAG1	12000	0.0001	1.578	303	1.7	60.401	191.1734	90.1511 TUBO_DESC
LAG1	12000	0.0001	1.578	304	1.7	60.91	191.0923	90.114 TUBO_DESC
LAG1	12000	0.0001	1.578	305	1.7	61.302	191.0239	90.1447 TUBO_DESC
LAG1	12000	0.0001	1.578	306	1.7	61.657	190.5624	90.1844 TUBO_DESC
LAG1	12000	0.0001	1.578	307	1.7	61.127	191.0653	90.3412 TUBO_DESC
LAG1	12000	0.0001	1.578	308	1.7	57.711	192.2025	90.544 ESTRUCTURA
LAG1	12000	0.0001	1.578	309	1.7	57.579	191.4253	90.5441 ESTRUCTURA
LAG1	12000	0.0001	1.578	310	1.7	57.982	192.1542	90.5355 ESTRUCTURA
LAG1	12000	0.0001	1.578	311	1.7	58.684	192.0644	90.5421 ESTRUCTURA
LAG1	12000	0.0001	1.578	312	1.7	57.825	192.1656	90.5518 ESTRUCTURA
LAG1	12000	0.0001	1.578	313	1.7	58.299	193.1348	90.1001 CAM_INSPEC
LAG1	12000	0.0001	1.578	314	1.7	58.167	192.4615	90.1001 CAM_INSPEC
LAG1	12000	0.0001	1.578	315	1.7	58.803	192.3422	90.0933 CAM_INSPEC
LAG1	12000	0.0001	1.578	316	1.7	58.95	193.0139	90.0953 CAM_INSPEC
LAG1	12000	0.0001	1.578	317	1.7	64.165	206.2553	90.1407 ESTRUCTURA



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	LAG1	12000	0.0001	1.578	318	1.7	65.692	206.5622	90.1721	ESTRUCTURA
	LAG1	12000	0.0001	1.578	319	1.7	65.357	206.4637	90.1314	CAM_INSPEC
	LAG1	12000	0.0001	1.578	320	1.7	65.128	206.2431	90.1303	CAM_INSPEC
	LAG1	12000	0.0001	1.578	321	1.7	64.714	206.3657	90.1302	CAM_INSPEC
	LAG1	12000	0.0001	1.578	322	1.7	64.944	206.5913	90.1451	CAM_INSPEC
	LAG1	12000	0.0001	1.578	323	1.7	11.233	175.0133	90.5704	LAGUNA
	LAG1	12000	0.0001	1.578	324	1.7	11.196	177.3027	92.0409	LAGUNA
	LAG1	12000	0.0001	1.578	325	1.7	33.526	247.0141	90.304	LAGUNA
	LAG1	12000	0.0001	1.578	326	1.7	33.004	246.4136	91.1102	LAGUNA
	LAG1	12000	0.0001	1.578	327	1.7	40.78	226.5715	90.2145	LAGUNA
	LAG1	12000	0.0001	1.578	328	1.7	40.153	226.1357	90.5447	LAGUNA
	LAG1	12000	0.0001	1.578	329	1.7	26.314	176.231	90.4456	LAGUNA
	LAG1	12000	0.0001	1.578	330	1.7	26.286	177.2325	91.134	LAGUNA
	LAG1	12000	0.0001	1.578	331	1.7	51.98	213.3812	90.254	LAGUNA
	LAG1	12000	0.0001	1.578	332	1.7	51.614	212.595	90.4946	LAGUNA
	LAG1	12000	0.0001	1.578	333	1.7	43.381	177.2648	90.4655	LAGUNA
	LAG1	12000	0.0001	1.578	334	1.7	43.311	178.152	90.5433	LAGUNA
	LAG1	12000	0.0001	1.578	335	1.7	59.152	204.3657	90.3118	LAGUNA
	LAG1	12000	0.0001	1.578	336	1.7	58.78	204.251	90.4721	LAGUNA
	LAG1	12000	0.0001	1.578	337	1.7	53.4	183.0801	90.4149	LAGUNA
	LAG1	12000	0.0001	1.578	338	1.7	53.172	184.0027	90.5452	LAGUNA
	LAG1	12000	0.0001	1.578	339	1.7	59.152	204.3023	90.3115	LAGUNA
	LAG1	12000	0.0001	1.578	340	1.7	58.681	204.2436	90.4916	LAGUNA
	LAGY06	LAG1	0	1.576	LAG1	1.7	62.005	0	90.0349	
SD	90.90.0349									
	LAGY06	LAG1	0	1.576	341	1.7	12.697	235.4535	90.5251	BORDLAGUNA
	LAGY06	LAG1	0	1.576	342	1.7	9.594	235.1627	91.231	BORDLAGUNA
	LAGY06	LAG1	0	1.576	343	1.7	6.434	240.1045	92.565	BORDLAGUNA
	LAGY06	LAG1	0	1.576	344	1.7	4.567	257.0815	93.3845	BORDLAGUNA
	LAGY06	LAG1	0	1.576	345	1.7	4.353	284.1929	96.1705	BORDLAGUNA
	LAGY06	LAG1	0	1.576	346	1.7	5.057	308.0133	91.1817	BORDLAGUNA
	LAGY06	LAG1	0	1.576	347	1.7	6.682	317.295	91.0209	BORDLAGUNA
	LAGY06	LAG1	0	1.576	348	1.7	9.476	320.1554	91.2336	BORDLAGUNA
	LAGY06	LAG1	0	1.576	349	1.7	14.345	322.4437	90.4334	BORDLAGUNA
	LAGY06	LAG1	0	1.576	350	1.7	18.058	323.1844	90.4403	BORDLAGUNA
	LAGY06	LAG1	0	1.576	351	1.7	20.5	323.49	90.301	BORDLAGUNA
	LAGY06	LAG1	0	1.576	352	1.7	23.762	323.5521	90.4238	BORDLAGUNA
	LAGY06	LAG1	0	1.576	353	1.7	26.331	324.0941	90.303	BORDLAGUNA
	LAGY06	LAG1	0	1.576	354	1.7	30.824	324.2301	90.2236	BORDLAGUNA
	LAGY06	LAG1	0	1.576	355	1.7	33.699	323.5454	90.1618	BORDLAGUNA
	LAGY06	LAG1	0	1.576	356	1.7	36.638	320.1812	90.054	BORDLAGUNA
	LAGY06	LAG1	0	1.576	357	1.7	37.573	317.4011	90.1137	BORDLAGUNA
	LAGY06	LAG1	0	1.576	358	1.7	38.674	313.2549	90.1034	BORDLAGUNA
	LAGY06	LAG1	0	1.576	359	1.7	39.339	310.243	90.1442	BORDLAGUNA
	LAGY06	LAG1	0	1.576	360	1.7	39.522	327.535	89.4534	CAM_INSPEC
	LAGY06	LAG1	0	1.576	361	1.7	39.526	327.1249	89.4534	CAM_INSPEC
	LAGY06	LAG1	0	1.576	362	1.7	40.003	327.1131	89.4541	CAM_INSPEC
	LAGY06	LAG1	0	1.576	363	1.7	40.016	327.5321	89.44	CAM_INSPEC
	LAGY06	LAG1	0	1.576	364	1.7	59.545	328.0306	89.5408	ESTRUCTURA
	LAGY06	LAG1	0	1.576	365	1.7	60.639	328.0252	89.5314	ESTRUCTURA
	LAGY06	LAG1	0	1.576	366	1.7	59.114	327.5423	89.5236	CAM_INSPEC
	LAGY06	LAG1	0	1.576	367	1.7	59.116	327.0939	89.5244	CAM_INSPEC
	LAGY06	LAG1	0	1.576	368	1.7	59.599	327.5352	89.5328	CAM_INSPEC
	LAGY06	LAG1	0	1.576	369	1.7	59.595	327.0923	89.5428	CAM_INSPEC
	LAGY06	LAG1	0	1.576	370	1.7	60.642	327.5231	89.5142	CAM_INSPEC
	LAGY06	LAG1	0	1.576	371	1.7	60.658	327.094	89.492	CAM_INSPEC
	LAGY06	LAG1	0	1.576	372	1.7	61.13	327.1154	89.5003	CAM_INSPEC
	LAGY06	LAG1	0	1.576	373	1.7	61.117	327.5446	89.5057	CAM_INSPEC
	LAGY06	LAG1	0	1.576	374	1.7	18.823	328.4108	89.2859	ESTRUCTURA



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	LAGY06 LAG1	0	1.576	375	1.7	19.559	328.4029	89.3119 ESTRUCTURA
	LAGY06 LAG1	0	1.576	376	1.7	19.613	326.0251	89.293 ESTRUCTURA
	LAGY06 LAG1	0	1.576	377	1.7	18.852	325.5653	89.2926 ESTRUCTURA
	LAGY06 LAG1	0	1.576	378	1.7	19.579	325.5231	90.0227 ESTRUCTURA
	LAGY06 LAG1	0	1.576	379	1.7	19.757	325.5557	90.0042 ESTRUCTURA
	LAGY06 LAG1	0	1.576	380	1.7	18.684	325.4949	90.024 ESTRUCTURA
	LAGY06 LAG1	0	1.576	381	1.7	18.853	325.522	90.0314 ESTRUCTURA
	LAGY06 LAG1	0	1.576	382	1.7	18.683	325.524	90.0049 ESTRUCTURA
	LAGY06 LAG1	0	1.576	383	1.7	19.714	320.2911	91.4139 ESTRUCTURA
	LAGY06 LAG1	0	1.576	384	1.7	19.893	320.3114	91.4027 ESTRUCTURA
	LAGY06 LAG1	0	1.576	385	1.7	19.023	320.3051	91.4541 ESTRUCTURA
	LAGY06 LAG1	0	1.576	386	1.7	18.84	320.2205	91.3905 ESTRUCTURA
	LAGY06 LAG1	0	1.576	387	1.7	19.676	320.4528	92.0349 ESTRUCTURA
	LAGY06 LAG1	0	1.576	388	1.7	19.13	320.3128	92.0904 ESTRUCTURA
	LAGY06 LAG1	0	1.576	389	1.7	18.883	328.3301	92.1046 ESTRUCTURA
	LAGY06 LAG1	0	1.576	390	1.7	19.531	328.3201	92.0635 ESTRUCTURA
	LAGY06 LAG1	0	1.576	391	1.7	19.566	326.0131	92.0601 ESTRUCTURA
	LAGY06 LAG1	0	1.576	392	1.7	18.916	325.4524	92.0913 ESTRUCTURA
	LAGY06 LAG1	0	1.576	393	1.7	18.913	326.391	92.1015 ESTRUCTURA
	LAGY06 LAG1	0	1.576	394	1.7	19.547	326.3034	92.05 ESTRUCTURA
	LAGY06 LAG1	0	1.576	395	2.6	76.671	238.0451	89.322 BORDLAGUNA
	LAGY06 LAG1	0	1.576	396	2.6	79.123	239.0506	89.2833 BORDLAGUNA
	LAGY06 LAG1	0	1.576	397	2.6	80.316	240.1258	89.2729 BORDLAGUNA
	LAGY06 LAG1	0	1.576	398	2.6	81.147	241.3509	89.3056 BORDLAGUNA
	LAGY06 LAG1	0	1.576	399	1.7	81.393	242.4803	90.1159 BORDLAGUNA
	LAGY06 LAG1	0	1.576	400	1.7	81.505	243.3826	90.1433 BORDLAGUNA
	LAGY06 LAG1	0	1.576	401	1.7	83.223	249.3128	90.0533 BORDLAGUNA
	LAGY06 LAG1	0	1.576	402	1.7	84.39	252.2646	90.14 BORDLAGUNA
	LAGY06 LAG1	0	1.576	403	2.6	84.237	264.3738	89.2652 BORDLAGUNA
	LAGY06 LAG1	0	1.576	404	2.6	83.768	264.1407	89.4658 BORDLAGUNA
	LAGY06 LAG1	0	1.576	405	1.7	87.088	263.0221	89.5909 BORDLAGUNA
	LAGY06 LAG1	0	1.576	406	1.7	87.991	261.3152	90.0006 BORDLAGUNA
	LAGY06 LAG1	0	1.576	407	1.7	88.257	259.2547	90.0217 BORDLAGUNA
	LAGY06 LAG1	0	1.576	408	1.7	87.207	257.4233	90.0608 BORDLAGUNA
	LAGY06 LAG1	0	1.576	409	2.6	84.294	264.2714	89.3118 LAGUNA
	LAGY06 LAG1	0	1.576	410	2.6	83.852	263.5738	89.5852 LAGUNA
	LAGY06 LAG1	0	1.576	411	2.6	76.435	237.5747	89.2846 LAGUNA
	LAGY06 LAG1	0	1.576	412	2.6	76.618	238.3831	89.4023 LAGUNA
	LAGY06 LAG1	0	1.576	413	2.1	70.834	269.4411	89.3913 LAGUNA
	LAGY06 LAG1	0	1.576	414	2.1	70.918	268.5817	90.1142 LAGUNA
	LAGY06 LAG1	0	1.576	415	2.6	59.585	236.2727	88.5647 LAGUNA
	LAGY06 LAG1	0	1.576	416	2.6	59.34	237.4112	89.3812 LAGUNA
	LAGY06 LAG1	0	1.576	417	1.7	53.738	280.4908	90.3009 LAGUNA
	LAGY06 LAG1	0	1.576	418	1.7	53.232	280.3756	90.5946 LAGUNA
	LAGY06 LAG1	0	1.576	419	1.7	39.304	236.4308	89.4204 LAGUNA
	LAGY06 LAG1	0	1.576	420	1.7	39.157	238.0357	90.4832 LAGUNA
	LAGY06 LAG1	0	1.576	421	1.7	26.089	236.212	90.1805 LAGUNA
	LAGY06 LAG1	0	1.576	422	1.7	26.101	237.3202	91.1501 LAGUNA
	LAGY06 LAG1	0	1.576	423	1.7	45.855	292.5449	90.1422 LAGUNA
	LAGY06 LAG1	0	1.576	424	1.7	45.289	292.3129	90.4317 LAGUNA
	LAGY06 LAG1	0	1.576	425	1.7	6.453	237.493	90.3255 LAGUNA
	LAGY06 LAG1	0	1.576	426	1.7	6.746	244.5447	94.0003 LAGUNA
	LAGY06 LAG1	0	1.576	427	1.7	38.062	315.5217	90.1913 LAGUNA
	LAGY06 LAG1	0	1.576	428	1.7	37.182	315.1003	90.5657 LAGUNA
	LAGY05 LAGY06	0	1.59	LAGY06	1.7	49.474	0	89.5516
SD	89.89.5516							
	LAGY05 LAGY06	0	1.59	429	1.7	59.735	6.5822	89.4312 PARAMENTO
	LAGY05 LAGY06	0	1.59	430	1.7	55.395	7.4238	89.4226 PARAMENTO
	LAGY05 LAGY06	0	1.59	431	1.7	57.328	15.4332	89.4531 PARAMENTO



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LAGY05	LAGY06	0	1.59	432	1.7	54.359	7.0951	89.4256	ANDEN
LAGY05	LAGY06	0	1.59	433	1.7	60.279	6.13	89.4341	ANDEN
LAGY05	LAGY06	0	1.59	434	1.7	56.688	16.3249	89.4628	ANDEN
LAGY05	LAGY06	0	1.59	435	1.7	10.257	181.1946	89.3818	ESTRUCTURA
LAGY05	LAGY06	0	1.59	436	1.7	10.972	181.1333	89.4044	ESTRUCTURA
LAGY05	LAGY06	0	1.59	437	1.7	11.007	176.4433	89.3538	ESTRUCTURA
LAGY05	LAGY06	0	1.59	438	1.7	10.272	176.1556	89.3503	ESTRUCTURA
LAGY05	LAGY06	0	1.59	439	1.7	10.115	176.022	90.3849	ESTRUCTURA
LAGY05	LAGY06	0	1.59	440	1.7	10.268	176.0849	90.3949	ESTRUCTURA
LAGY05	LAGY06	0	1.59	441	1.7	10.99	176.26	90.3156	ESTRUCTURA
LAGY05	LAGY06	0	1.59	442	1.7	11.156	176.1852	90.3314	ESTRUCTURA
LAGY05	LAGY06	0	1.59	443	1.7	10.307	168.063	93.1326	ESTRUCTURA
LAGY05	LAGY06	0	1.59	444	1.7	10.479	168.165	93.1142	ESTRUCTURA
LAGY05	LAGY06	0	1.59	445	1.7	11.206	168.4451	93.024	ESTRUCTURA
LAGY05	LAGY06	0	1.59	446	1.7	11.373	168.4218	93.0829	ESTRUCTURA
LAGY05	LAGY06	0	1.59	447	1.7	11.166	169.0534	94.1734	ESTRUCTURA
LAGY05	LAGY06	0	1.59	448	1.7	10.54	168.1952	94.3022	ESTRUCTURA
LAGY05	LAGY06	0	1.59	449	1.7	10.953	181.142	94.2504	ESTRUCTURA
LAGY05	LAGY06	0	1.59	450	1.7	10.296	181.1948	94.381	ESTRUCTURA
LAGY05	LAGY06	0	1.59	451	1.7	10.984	177.4533	94.2125	ESTRUCTURA
LAGY05	LAGY06	0	1.59	452	1.7	10.332	177.3932	94.3546	ESTRUCTURA
LAGY05	LAGY06	0	1.59	453	1.7	10.964	176.1014	94.2044	ESTRUCTURA
LAGY05	LAGY06	0	1.59	454	1.7	10.33	176.1311	94.3537	ESTRUCTURA
LAGY05	LAGY06	0	1.59	455	1.7	30.181	178.3827	89.5518	ESTRUCTURA
LAGY05	LAGY06	0	1.59	456	1.7	30.167	180.391	89.5648	ESTRUCTURA
LAGY05	LAGY06	0	1.59	457	1.7	16.689	58.4052	90.4757	BORDLAGUNA
LAGY05	LAGY06	0	1.59	458	1.7	12.801	48.0101	91.0646	BORDLAGUNA
LAGY05	LAGY06	0	1.59	459	1.7	10.027	36.1032	92.4446	BORDLAGUNA
LAGY05	LAGY06	0	1.59	460	1.7	8.652	28.5655	92.2736	BORDLAGUNA
LAGY05	LAGY06	0	1.59	461	1.7	6.906	25.0734	93.1157	BORDLAGUNA
LAGY05	LAGY06	0	1.59	462	1.7	5.253	23.0344	95.0741	BORDLAGUNA
LAGY05	LAGY06	0	1.59	463	1.7	3.026	30.0246	98.2748	BORDLAGUNA
LAGY05	LAGY06	0	1.59	464	1.7	1.196	79.4737	105.4335	BORDLAGUNA
LAGY05	LAGY06	0	1.59	465	1.7	3.994	165.134	93.5513	BORDLAGUNA
LAGY05	LAGY06	0	1.59	466	1.7	9.477	173.4322	91.2846	BORDLAGUNA
LAGY05	LAGY06	0	1.59	467	1.7	14.888	176.181	91.1806	BORDLAGUNA
LAGY05	LAGY06	0	1.59	468	1.7	19.142	176.2348	91.1336	BORDLAGUNA
LAGY05	LAGY06	0	1.59	469	1.7	23.585	176.235	91.121	BORDLAGUNA
LAGY05	LAGY06	0	1.59	470	1.7	25.08	175.2212	91.0021	BORDLAGUNA
LAGY05	LAGY06	0	1.59	471	1.7	26.592	173.2942	90.52	BORDLAGUNA
LAGY05	LAGY06	0	1.59	472	1.7	27.711	171.5941	90.4409	BORDLAGUNA
LAGY05	LAGY06	0	1.59	473	1.7	28.992	169.3744	90.5809	BORDLAGUNA
LAGY05	LAGY06	0	1.59	474	1.7	29.841	167.2409	90.3842	BORDLAGUNA
LAGY05	LAGY06	0	1.59	475	1.7	31.95	158.052	90.2818	BORDLAGUNA
LAGY05	LAGY06	0	1.59	476	2	76.974	84.1232	90.0906	BORDLAGUNA
LAGY05	LAGY06	0	1.59	477	2	78.361	84.5443	90.0808	BORDLAGUNA
LAGY05	LAGY06	0	1.59	478	2	79.269	85.4408	90.1405	BORDLAGUNA
LAGY05	LAGY06	0	1.59	479	2	79.829	86.2644	90.1521	BORDLAGUNA
LAGY05	LAGY06	0	1.59	480	2	80.41	87.1059	90.1353	BORDLAGUNA
LAGY05	LAGY06	0	1.59	481	2	81.111	88.3534	90.1323	BORDLAGUNA
LAGY05	LAGY06	0	1.59	482	2	81.591	90.59	90.0841	BORDLAGUNA
LAGY05	LAGY06	0	1.59	483	2	81.7	93.0439	90.0314	BORDLAGUNA
LAGY05	LAGY06	0	1.59	484	2	81.98	96.3106	90.0354	BORDLAGUNA
LAGY05	LAGY06	0	1.59	485	2	84.013	103.2306	90.0136	BORDLAGUNA
LAGY05	LAGY06	0	1.59	486	2	84.951	106.3814	89.5851	BORDLAGUNA
LAGY05	LAGY06	0	1.59	487	1.7	84.162	107.494	90.1749	BORDLAGUNA
LAGY05	LAGY06	0	1.59	488	1.7	83.801	108.4134	90.2208	BORDLAGUNA
LAGY05	LAGY06	0	1.59	489	1.7	83.326	109.1954	90.2218	BORDLAGUNA
LAGY05	LAGY06	0	1.59	490	1.7	82.112	110.2328	90.234	BORDLAGUNA



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	LAGY05 LAGY06	0	1.59	491	1.7	80.905	111.1039	90.2036 BORDLAGUNA
	LAGY05 LAGY06	0	1.59	492	1.7	79.547	111.5118	90.1454 BORDLAGUNA
	LAGY05 LAGY06	0	1.59	493	2.6	76.173	113.0351	89.3812 BORDLAGUNA
	LAGY05 LAGY06	0	1.59	494	2.6	78.703	84.1656	89.2628 LAGUNA
	LAGY05 LAGY06	0	1.59	495	2.6	77.924	85.055	89.5303 LAGUNA
	LAGY05 LAGY06	0	1.59	496	2.6	81.379	111.561	89.2618 LAGUNA
	LAGY05 LAGY06	0	1.59	497	2.6	80.813	111.0435	89.5018 LAGUNA
	LAGY05 LAGY06	0	1.59	498	2.6	45.285	78.5038	89.0128 LAGUNA
	LAGY05 LAGY06	0	1.59	499	2.6	44.929	80.0142	89.3749 LAGUNA
	LAGY05 LAGY06	0	1.59	500	2.6	53.561	124.0823	89.151 LAGUNA
	LAGY05 LAGY06	0	1.59	501	2.6	52.837	123.1758	89.4302 LAGUNA
	LAGY05 LAGY06	0	1.59	502	2.6	35.141	75.2659	88.484 LAGUNA
	LAGY05 LAGY06	0	1.59	503	2.6	34.743	77.2328	89.4422 LAGUNA
	LAGY05 LAGY06	0	1.59	504	2.6	45.099	132.1216	89.1538 LAGUNA
	LAGY05 LAGY06	0	1.59	505	2.6	44.676	131.2431	89.4243 LAGUNA
	LAGY05 LAGY06	0	1.59	506	2.6	18.726	62.4035	88.1044 LAGUNA
	LAGY05 LAGY06	0	1.59	507	2.6	18.1	64.5451	89.0615 LAGUNA
	LAGY05 LAGY06	0	1.59	508	2.6	11.136	39.1045	86.2157 LAGUNA
	LAGY05 LAGY06	0	1.59	509	2.6	10.913	42.1758	88.4502 LAGUNA
	LAGY05 LAGY06	0	1.59	510	2.6	32.325	160.14	88.3057 LAGUNA
	LAGY05 LAGY06	0	1.59	511	2.6	30.815	158.4558	90.0648 LAGUNA
	LAGY05 LAGY06	0	1.59	512	2.6	29.642	169.2224	88.3153 LAGUNA
	LAGY05 LAGY06	0	1.59	513	2.6	28.768	168.05	89.3506 LAGUNA
	LAG3 LAG2	0	1.55	LAG2	1.7	29.075	0	89.4116
SD	89.89.4116							
	LAG3 LAG2	0	1.55	514	1.7	9.163	177.015	89.0513 ESTRUCTURA
	LAG3 LAG2	0	1.55	515	1.7	9.882	177.0616	89.1424 ESTRUCTURA
	LAG3 LAG2	0	1.55	516	1.7	9.131	182.4055	89.024 ESTRUCTURA
	LAG3 LAG2	0	1.55	517	1.7	9.864	182.263	89.0457 ESTRUCTURA
	LAG3 LAG2	0	1.55	518	1.7	8.937	182.563	90.1105 ESTRUCTURA
	LAG3 LAG2	0	1.55	519	1.7	9.063	183.0816	90.1151 ESTRUCTURA
	LAG3 LAG2	0	1.55	520	1.7	10.056	182.3236	90.0815 ESTRUCTURA
	LAG3 LAG2	0	1.55	521	1.7	9.854	182.3818	90.1058 ESTRUCTURA
	LAG3 LAG2	0	1.55	522	1.7	9.352	191.4948	93.113 ESTRUCTURA
	LAG3 LAG2	0	1.55	523	1.7	9.161	192.1227	93.144 ESTRUCTURA
	LAG3 LAG2	0	1.55	524	1.7	10.039	190.3911	93.0313 ESTRUCTURA
	LAG3 LAG2	0	1.55	525	1.7	10.235	190.5826	93.0005 ESTRUCTURA
	LAG3 LAG2	0	1.55	526	1.7	10.044	191.0848	94.1646 ESTRUCTURA
	LAG3 LAG2	0	1.55	527	1.7	9.363	191.4325	94.3408 ESTRUCTURA
	LAG3 LAG2	0	1.55	528	1.7	9.186	182.473	94.4449 ESTRUCTURA
	LAG3 LAG2	0	1.55	529	1.7	9.841	182.2833	94.2449 ESTRUCTURA
	LAG3 LAG2	0	1.55	530	1.7	9.178	181.2852	94.4253 ESTRUCTURA
	LAG3 LAG2	0	1.55	531	1.7	9.846	180.5341	94.24 ESTRUCTURA
	LAG3 LAG2	0	1.55	532	1.7	9.231	177.091	94.4258 ESTRUCTURA
	LAG3 LAG2	0	1.55	533	1.7	9.884	177.1908	94.2058 ESTRUCTURA
	LAG3 LAG2	0	1.55	534	1.7	10.477	177.2215	89.0541 CAM_INSPEC
	LAG3 LAG2	0	1.55	535	1.7	10.949	177.3123	89.0732 CAM_INSPEC
	LAG3 LAG2	0	1.55	536	1.7	10.962	181.0218	89.0601 CAM_INSPEC
	LAG3 LAG2	0	1.55	537	1.7	10.466	181.0716	89.0413 CAM_INSPEC
	LAG3 LAG2	0	1.55	538	1.7	29.693	178.5708	89.5013 CAM_INSPEC
	LAG3 LAG2	0	1.55	539	1.7	29.676	179.5524	89.51 CAM_INSPEC
	LAG3 LAG2	0	1.55	540	1.7	30.189	178.5846	89.5101 CAM_INSPEC
	LAG3 LAG2	0	1.55	541	1.7	30.145	179.5549	89.5204 CAM_INSPEC
	LAG3 LAG2	0	1.55	542	1.7	29.2	178.2902	89.4952 ESTRUCTURA
	LAG3 LAG2	0	1.55	543	1.7	29.306	178.2319	89.4933 ESTRUCTURA
	LAG3 LAG2	0	1.55	544	1.7	29.44	178.0016	89.5021 ESTRUCTURA
	LAG3 LAG2	0	1.55	545	1.7	29.474	177.2716	89.4931 ESTRUCTURA
	LAG3 LAG2	0	1.55	546	1.7	29.899	180.4549	90.0444 ESTRUCTURA
	LAG3 LAG2	0	1.55	547	1.7	30.293	180.27	89.5144 ESTRUCTURA



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LAG3 LAG2	0	1.55	548	1.7	30.495	179.3955	89.5134	ESTRUCTURA
LAG3 LAG2	0	1.55	549	1.7	30.531	178.2003	89.5102	ESTRUCTURA
LAG3 LAG2	0	1.55	550	1.7	10.128	172.3319	91.5423	BORDLAGUNA
LAG3 LAG2	0	1.55	551	1.7	21.228	173.4419	90.4526	BORDLAGUNA
LAG3 LAG2	0	1.55	552	1.7	24.306	172.2913	90.4515	BORDLAGUNA
LAG3 LAG2	0	1.55	553	1.7	26.931	169.1613	90.482	BORDLAGUNA
LAG3 LAG2	0	1.55	554	1.7	29.164	163.4823	90.4007	BORDLAGUNA
LAG3 LAG2	0	1.55	555	1.7	30.43	159.2139	90.3533	BORDLAGUNA
LAG3 LAG2	0	1.55	556	1.7	31.712	155.3249	90.3357	BORDLAGUNA
LAG3 LAG2	0	1.55	557	1.7	7.394	170.3344	92.2623	BORDLAGUNA
LAG3 LAG2	0	1.55	558	1.7	2.398	157.3443	100.205	BORDLAGUNA
LAG3 LAG2	0	1.55	559	1.7	3.323	19.3827	97.1936	BORDLAGUNA
LAG3 LAG2	0	1.55	560	1.7	5.75	21.4308	93.4441	BORDLAGUNA
LAG3 LAG2	0	1.55	561	1.7	7.427	27.0314	93.2438	BORDLAGUNA
LAG3 LAG2	0	1.55	562	1.7	8.791	31.2151	92.2654	BORDLAGUNA
LAG3 LAG2	0	1.55	563	1.7	10.486	37.1133	92.0806	BORDLAGUNA
LAG3 LAG2	0	1.55	564	1.7	11.965	42.2205	92.1111	BORDLAGUNA
LAG3 LAG2	0	1.55	565	1.7	14.731	51.0923	91.2638	BORDLAGUNA
LAG3 LAG2	0	1.55	566	1.7	14.977	57.411	90.182	ESTRUCTURA
LAG3 LAG2	0	1.55	567	1.7	15.865	59.442	90.1417	ESTRUCTURA
LAG3 LAG2	0	1.55	568	1.7	15.149	58.1714	93.4401	ESTRUCTURA
LAG3 LAG2	0	1.55	569	1.7	15.696	59.2707	93.3333	ESTRUCTURA
LAG3 LAG2	0	1.55	570	1.7	14.947	57.3848	93.1441	ESTRUCTURA
LAG3 LAG2	0	1.55	571	1.7	15.96	59.4947	92.5933	ESTRUCTURA
LAG3 LAG2	0	1.55	572	1.7	18.638	42.5455	90.231	ESTRUCTURA
LAG3 LAG2	0	1.55	573	1.7	19.371	45.0707	90.2103	ESTRUCTURA
LAG3 LAG2	0	1.55	574	2.2	18.634	42.482	91.3335	ESTRUCTURA
LAG3 LAG2	0	1.55	575	2.2	18.801	43.1217	91.3645	ESTRUCTURA
LAG3 LAG2	0	1.55	576	2.2	19.31	44.4237	91.341	ESTRUCTURA
LAG3 LAG2	0	1.55	577	2.2	19.426	45.0442	91.2058	ESTRUCTURA
LAG3 LAG2	0	1.55	578	1.7	13.441	45.2846	90.4446	LAGUNA
LAG3 LAG2	0	1.55	579	1.7	12.808	49.1843	93.4333	LAGUNA
LAG3 LAG2	0	1.55	580	1.7	29.551	160.363	91.2846	LAGUNA
LAG3 LAG2	0	1.55	581	1.7	29.146	160.2307	91.5807	LAGUNA
LAG3 LAG2	0	1.55	582	4	32.918	73.1912	86.3857	LAGUNA
LAG3 LAG2	0	1.55	583	4	32.542	74.3054	87.3822	LAGUNA
LAG3 LAG2	0	1.55	584	1.7	46.085	127.5249	90.5402	LAGUNA
LAG3 LAG2	0	1.55	585	1.7	45.848	127.2133	91.2202	LAGUNA
LAG3 LAG2	0	1.55	586	5	61.207	80.5925	87.0038	LAGUNA
LAG3 LAG2	0	1.55	587	5	60.992	81.5547	87.4337	LAGUNA
LAG3 LAG2	0	1.55	588	1.7	68.661	114.0952	90.382	LAGUNA
LAG3 LAG2	0	1.55	589	1.7	68.459	113.4306	90.4816	LAGUNA
LAG3 LAG2	0	1.55	590	1.7	66.642	115.4211	89.5942	ESTRUCTURA
LAG3 LAG2	0	1.55	591	1.7	67.572	115.1845	89.5935	ESTRUCTURA
LAG3 LAG2	0	1.55	592	1.7	67.371	115.221	90.0935	ESTRUCTURA
LAG3 LAG2	0	1.55	593	1.7	67.55	115.1742	90.0926	ESTRUCTURA
LAG3 LAG2	0	1.55	594	1.7	66.607	115.4203	90.1004	ESTRUCTURA
LAG3 LAG2	0	1.55	595	1.7	66.758	115.3738	90.0956	ESTRUCTURA
LAG3 LAG2	0	1.55	596	1.7	67.319	115.2013	90.4637	ESTRUCTURA
LAG3 LAG2	0	1.55	597	1.7	66.741	115.3712	90.4658	ESTRUCTURA
LAG3 LAG2	0	1.55	598	1.7	66.631	114.032	90.4552	ESTRUCTURA
LAG3 LAG2	0	1.55	599	1.7	65.884	114.1815	90.4634	ESTRUCTURA
LAG3 LAG2	0	1.55	600	1.7	66.53	113.5942	90.3947	ESTRUCTURA
LAG3 LAG2	0	1.55	601	1.7	65.842	114.1931	90.3908	ESTRUCTURA
LAG3 LAG2	0	1.55	602	1.7	66.638	113.5442	90.403	ESTRUCTURA
LAG3 LAG2	0	1.55	603	1.7	65.696	114.2325	90.3936	ESTRUCTURA
LAG3 LAG2	0	1.55	604	1.7	66.766	115.5539	89.5912	ESTRUCTURA
LAG3 LAG2	0	1.55	605	1.7	66.71	116.0449	89.5914	ESTRUCTURA
LAG3 LAG2	0	1.55	606	1.7	66.557	116.1335	89.5905	ESTRUCTURA



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	LAG3 LAG2	0	1.55	607	1.7	65.823	116.3338	89.5923	ESTRUCTURA
	LAG3 LAG2	0	1.55	608	1.7	68.079	116.1451	90.0002	ESTRUCTURA
	LAG3 LAG2	0	1.55	609	1.7	67.964	116.3313	90.0036	ESTRUCTURA
	LAG3 LAG2	0	1.55	610	1.7	67.645	116.434	89.5931	ESTRUCTURA
	LAG3 LAG2	0	1.55	611	2.2	66.83	117.0749	89.3354	ESTRUCTURA
	LAG3 LAG2	0	1.55	612	1.7	67.129	116.0843	89.5825	CAM_INSPEC
	LAG3 LAG2	0	1.55	613	1.7	67.563	115.5736	89.5912	CAM_INSPEC
	LAG3 LAG2	0	1.55	614	1.7	67.773	116.1901	89.5927	CAM_INSPEC
	LAG3 LAG2	0	1.55	615	1.7	67.352	116.3031	89.5909	CAM_INSPEC
	LAG3 LAG2	0	1.55	616	1.7	68.649	114.2911	90.2754	BORDLAGUNA
	LAG3 LAG2	0	1.55	617	1.7	73.626	112.1303	90.3506	BORDLAGUNA
	LAG3 LAG2	0	1.55	618	1.7	79.078	87.3554	90.1758	BORDLAGUNA
	LAG3 LAG2	0	1.55	619	1.7	77.141	111.0731	90.2538	BORDLAGUNA
	LAG3 LAG2	0	1.55	620	1.7	78.944	86.0155	90.1056	BORDLAGUNA
	LAG3 LAG2	0	1.55	621	1.7	77.15	111.0727	90.2538	BORDLAGUNA
	LAG3 LAG2	0	1.55	622	1.7	78.182	84.4736	90.1004	BORDLAGUNA
	LAG3 LAG2	0	1.55	623	1.7	79.569	109.4137	90.2356	BORDLAGUNA
	LAG3 LAG2	0	1.55	624	1.7	76.918	83.5227	90.1329	BORDLAGUNA
	LAG3 LAG2	0	1.55	625	1.7	80.99	107.3653	90.2308	BORDLAGUNA
	LAG3 LAG2	0	1.55	626	1.7	81.417	105.4444	90.1934	BORDLAGUNA
	LAG3 LAG2	0	1.55	627	1.7	80.941	104.1819	90.2312	BORDLAGUNA
	LAG3 LAG2	0	1.55	628	1.7	80.334	101.2711	90.2049	BORDLAGUNA
	LAG3 LAG2	0	1.55	629	4	75.007	82.5834	88.2451	BORDLAGUNA
	LAG3 LAG2	0	1.55	630	4	71.163	82.1834	88.2233	BORDLAGUNA
	LAG3 LAG2	0	1.55	631	4	67.068	81.5939	88.14	BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	LAGY06	1.7	85.363	0.0001	89.5907	
SD	89.89.5907								
	LAG2 LAGY06	0.0001	1.599	632	1.7	12.207	72.4226	89.4746	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	633	1.7	12.178	77.4721	89.4558	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	634	1.7	3.523	79.4427	88.1722	CAM_INSPEC
	LAG2 LAGY06	0.0001	1.599	635	1.7	3.02	80.1523	88.3841	CAM_INSPEC
	LAG2 LAGY06	0.0001	1.599	636	1.7	3.066	67.2114	88.1237	CAM_INSPEC
	LAG2 LAGY06	0.0001	1.599	637	1.7	3.545	68.4034	88.2926	CAM_INSPEC
	LAG2 LAGY06	0.0001	1.599	638	1.7	2.709	81.3133	87.5844	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	639	1.7	1.987	84.1735	87.0252	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	640	1.7	2.748	62.4612	88.3012	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	641	1.7	2.025	58.4121	87.0319	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	642	1.7	2.04	57.5148	93.4718	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	643	1.7	1.825	56.0251	93.4028	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	644	1.7	2.739	62.2922	91.503	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	645	1.7	2.933	63.0648	91.4422	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	646	1.7	2.76	80.0201	106.5524	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	647	1.7	2.183	81.5002	111.4821	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	648	1.7	2.18	63.4339	112.2705	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	649	1.7	2.238	58.0811	111.5906	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	650	1.7	2.767	66.2405	107.2229	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	651	1.7	2.838	62.3751	107.1222	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	652	1.7	3.593	34.16	100.2431	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	653	1.7	3.781	36.2118	100.2333	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	654	1.7	3.111	24.5448	102.1853	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	655	1.7	3.015	22.1125	102.47	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	656	1.7	3.634	33.1502	103.2407	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	657	1.7	3.197	25.1722	105.2316	ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	658	1.7	11.328	245.5846	92.0919	BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	659	1.7	13.41	243.3822	92.0724	BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	660	1.7	14.927	241.3432	91.4514	BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	661	1.7	16.141	236.1333	91.5801	BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	662	1.7	17.144	232.1	91.4823	BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	663	1.7	17.958	228.4558	91.4652	BORDLAGUNA



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LAG2 LAGY06	0.0001	1.599	664	1.7	13.92	83.1741	91.4213 BORDLAGUNA
LAG2 LAGY06	0.0001	1.599	665	1.7	15.911	83.595	91.1608 BORDLAGUNA
LAG2 LAGY06	0.0001	1.599	666	1.7	17.232	85.3349	91.3438 BORDLAGUNA
LAG2 LAGY06	0.0001	1.599	667	1.7	18.772	87.5836	91.4402 BORDLAGUNA
LAG2 LAGY06	0.0001	1.599	668	1.7	21.254	94.2212	91.4014 BORDLAGUNA
LAG2 LAGY06	0.0001	1.599	669	1.7	22.479	98.4849	91.3012 BORDLAGUNA
LAG2 LAGY06	0.0001	1.599	670	1.7	19.603	87.562	91.035 LAGUNA
LAG2 LAGY06	0.0001	1.599	671	1.7	18.794	90.0511	93.0945 LAGUNA
LAG2 LAGY06	0.0001	1.599	672	1.7	17.982	233.1925	90.2038 LAGUNA
LAG2 LAGY06	0.0001	1.599	673	1.7	16.61	230.29	93.1945 LAGUNA
LAG2 LAGY06	0.0001	1.599	674	2.6	26.202	206.0141	88.1251 LAGUNA
LAG2 LAGY06	0.0001	1.599	675	2.6	25.421	203.4601	90.5508 LAGUNA
LAG2 LAGY06	0.0001	1.599	676	2.6	26.581	110.5519	88.2318 LAGUNA
LAG2 LAGY06	0.0001	1.599	677	2.6	25.245	112.2256	90.0704 LAGUNA
LAG2 LAGY06	0.0001	1.599	678	2.6	37.07	130.462	89.304 LAGUNA
LAG2 LAGY06	0.0001	1.599	679	2.6	36.5	131.3937	90.2515 LAGUNA
LAG2 LAGY06	0.0001	1.599	680	2.6	55.839	142.3246	89.2037 LAGUNA
LAG2 LAGY06	0.0001	1.599	681	2.6	55.223	143.5005	90.2656 LAGUNA
LAG2 LAGY06	0.0001	1.599	682	2.6	73.348	148.015	89.2249 LAGUNA
LAG2 LAGY06	0.0001	1.599	683	2.6	72.68	149.2423	90.1318 LAGUNA
LAG2 LAGY06	0.0001	1.599	684	2.6	73.912	178.2726	89.3128 LAGUNA
LAG2 LAGY06	0.0001	1.599	685	2.6	73.571	177.5442	90.0824 LAGUNA
LAG2 LAGY06	0.0001	1.599	686	2.6	52.85	183.5354	89.2507 LAGUNA
LAG2 LAGY06	0.0001	1.599	687	2.6	52.428	182.551	90.1722 LAGUNA
LAG2 LAGY06	0.0001	1.599	688	2.6	36.713	192.2015	89.1612 LAGUNA
LAG2 LAGY06	0.0001	1.599	689	2.6	36.276	191.1151	90.2513 LAGUNA
LAG2 LAGY06	0.0001	1.599	690	1.7	1.286	157.4054	106.4741 LAGUNA
LAG2 LAGY06	0.0001	1.599	691	1.7	2.463	153.5557	108.5943 LAGUNA
LAG2 LAGY06	0.0001	1.599	692	2.6	3.012	154.53	96.1907 LAGUNA
LAG2 LAGY06	0.0001	1.599	693	1.7	62.159	146.4915	90.4429 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	694	1.7	61.979	146.4645	90.4443 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	695	1.7	62.549	145.3519	90.1923 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	696	1.7	62.359	145.3236	90.1915 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	697	1.7	62.832	144.4733	90.2004 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	698	1.7	62.655	144.4141	90.2009 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	699	1.7	63.18	144.373	90.1947 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	700	1.7	63.179	144.2631	90.2009 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	701	1.7	63.825	144.4704	90.1902 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	702	1.7	63.704	144.3047	90.1938 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	703	1.7	63.431	144.4025	90.1942 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	704	1.7	63.458	144.3039	90.1954 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	705	1.7	64.121	143.5421	90.2016 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	706	1.7	63.875	144.0346	90.2004 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	707	1.7	63.798	143.4625	90.2018 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	708	1.7	63.704	143.5612	90.2003 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	709	1.7	62.863	143.2905	90.2009 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	710	1.7	62.842	143.3705	90.2021 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	711	1.7	62.535	143.3049	90.2031 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	712	1.7	62.598	143.3925	90.2021 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	713	1.7	62.127	143.4722	90.201 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	714	1.7	62.276	143.5244	90.2019 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	715	1.7	61.583	145.1704	90.192 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	716	1.7	61.757	145.2043	90.1853 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	717	1.7	61.169	146.3204	90.451 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	718	1.7	61.337	146.355	90.4509 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	719	1.7	61.329	146.3316	91.0016 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	720	1.7	61.916	146.4348	90.5955 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	721	1.7	61.76	145.211	91.0041 ESTRUCTURA
LAG2 LAGY06	0.0001	1.599	722	1.7	62.296	145.2753	91.0024 ESTRUCTURA



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	LAG2 LAGY06	0.0001	1.599	723	1.7	62.636	144.395	91.0024 ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	724	2.6	62.301	143.5326	90.1203 ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	725	2.6	63.037	144.2444	90.1116 ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	726	2.6	62.862	143.3649	90.1157 ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	727	2.6	63.473	144.2823	90.1103 ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	728	2.6	63.727	143.5432	90.1152 ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	729	2.6	63.683	144.2545	90.1001 ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	730	2.6	63.91	144.0143	90.1027 ESTRUCTURA
	LAG2 LAGY06	0.0001	1.599	731	1.7	63.776	144.182	90.3959 CLAVE
	LAG2 LAGY06	0.0001	1.599	732	2	63.77	144.1743	90.4431 BATEA
	LAG2 LAGY06	0.0001	1.599	733	2	71.558	147.3711	89.5552 BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	734	2	73.629	148.1838	89.5603 BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	735	2	76.533	149.2757	89.5654 BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	736	2	78.3	151.0858	90.0047 BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	737	2	79.459	152.4939	90.0212 BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	738	2	79.656	154.2413	90.0212 BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	739	2	79.387	155.4311	90.0651 BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	740	2	78.739	173.4017	90.0556 BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	741	2	78.413	174.5153	89.5824 BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	742	2	77.69	175.5649	89.5941 BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	743	2	76.738	176.5045	90.0434 BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	744	2	74.287	178.0307	90.0434 BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599	745	2	72.395	178.3627	90.0906 BORDLAGUNA
	LAG2 LAGY06	0.0001	1.599 LAG4		1.7	83.446	154.5809	89.3826 DELTA
	LAG4 LAG2	359.5959	1.553 LAG2		1.7	83.447	359.5959	90.1203
SD	90.90.1203							
	LAG4 LAG2	359.5959	1.553	746	1.7	10.328	149.065	100.3127 BATEA
	LAG4 LAG2	359.5959	1.553	747	1.7	10.278	148.4605	98.2044 CLAVE
	LAG4 LAG2	359.5959	1.553	748	1.7	9.903	145.3815	98.3438 CLAVE
	LAG4 LAG2	359.5959	1.553	749	1.7	8.721	145.4728	100.0014 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	750	1.7	8.529	157.0755	100.293 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	751	1.7	9.518	177.0759	100.2517 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	752	1.7	9.463	197.1556	100.3556 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	753	1.7	11.028	225.0529	98.5745 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	754	2.6	12.504	140.2612	95.3332 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	755	2.6	10.761	139.2238	95.3838 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	756	2.6	11.848	139.351	94.5002 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	757	2.6	13.075	143.1649	97.0254 CANO
	LAG4 LAG2	359.5959	1.553	758	2.6	13.17	145.4233	98.0147 CANO
	LAG4 LAG2	359.5959	1.553	759	2.6	13.867	146.461	97.5727 CANO
	LAG4 LAG2	359.5959	1.553	760	2.6	10.966	145.252	100.1915 CANO
	LAG4 LAG2	359.5959	1.553	761	2.6	10.93	150.5023	102.5453 CANO
	LAG4 LAG2	359.5959	1.553	762	2.6	10.316	150.1509	101.2201 CANO
	LAG4 LAG2	359.5959	1.553	763	2.6	9.725	152.1424	100.3935 CANO
	LAG4 LAG2	359.5959	1.553	764	2.6	8.967	160.3758	95.5111 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	765	2.6	9.513	160.3522	99.5006 CANO
	LAG4 LAG2	359.5959	1.553	766	2.6	10.386	178.0447	99.0759 CANO
	LAG4 LAG2	359.5959	1.553	767	2.6	10.567	198.3941	98.4546 CANO
	LAG4 LAG2	359.5959	1.553	768	2.6	10.894	198.2726	99.4941 CANO
	LAG4 LAG2	359.5959	1.553	769	2.6	11.996	218.0635	98.5813 CANO
	LAG4 LAG2	359.5959	1.553	770	2.6	12.187	217.4207	99.1524 CANO
	LAG4 LAG2	359.5959	1.553	771	1.7	19.691	155.5604	95.3534 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	772	1.7	21.6	148.1329	94.4928 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	773	1.7	17.057	177.2221	96.1413 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	774	1.7	16.773	200.0706	96.454 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	775	1.7	18.337	217.0809	96.0307 BORDE_CANO
	LAG4 LAG2	359.5959	1.553	776	2.6	17.266	216.2125	95.1537 CANO
	LAG4 LAG2	359.5959	1.553	777	2.6	17.01	216.2754	96.3207 CANO
	LAG4 LAG2	359.5959	1.553	778	2.6	16.266	199.3321	95.224 CANO



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	LAG4	LAG2	359.5959	1.553	779	2.6	15.943	199.3355	96.0938	CANO
	LAG4	LAG2	359.5959	1.553	780	2.6	15.792	199.4203	97.0756	CANO
	LAG4	LAG2	359.5959	1.553	781	2.6	16.091	183.1838	94.4305	CANO
	LAG4	LAG2	359.5959	1.553	782	2.6	15.728	183.172	96.3425	CANO
	LAG4	LAG2	359.5959	1.553	783	2.6	15.589	182.5934	97.1632	CANO
	LAG4	LAG2	359.5959	1.553	784	2.6	18.473	156.0508	94.4531	CANO
	LAG4	LAG2	359.5959	1.553	785	2.6	18.618	156.0619	95.0035	CANO
	LAG4	LAG2	359.5959	1.553	786	2.6	18.431	155.2704	95.4601	CANO
	LAG4	LAG2	359.5959	1.553	787	2.6	16.659	216.2339	97.3541	CANO
	LAG4	LAG2	359.5959	1.553	788	1.7	23.89	25.1711	92.1853	TERRENO
	LAG4	LAG2	359.5959	1.553	789	1.7	20.296	29.1028	91.5204	TERRENO
	LAG4	LAG2	359.5959	1.553	790	1.7	15.926	34.2342	92.4624	TERRENO
	LAG4	LAG2	359.5959	1.553	791	1.7	11.807	43	93.0806	TERRENO
	LAG4	LAG2	359.5959	1.553	792	1.7	8.051	56.4234	91.2849	TERRENO
	LAG4	LAG2	359.5959	1.553	793	1.7	6.247	72.44	91.2848	TERRENO
	LAG4	LAG2	359.5959	1.553	794	1.7	6.49	98.3812	98.2548	TERRENO
	LAG4	LAG2	359.5959	1.553	795	1.7	6.142	83.525	94.2704	TERRENO
	LAG4	LAG2	359.5959	1.553	796	1.7	8.067	135.333	99.2042	TERRENO
	LAG1	12000	0	1.549	12000	1.7	53.871	0	90.5851	
SD	90.90.5851									
	LAG1	12000	0	1.549	797	1.7	8.712	174.4105	90.0454	TERRENO
	LAG1	12000	0	1.549	798	1.7	8.732	168.443	88.3401	TERRENO
	LAG1	12000	0	1.549	799	1.7	9.408	154.3243	89.0318	TERRENO
	LAG1	12000	0	1.549	800	1.7	10.396	142.5916	90.3642	TERRENO
	LAG1	12000	0	1.549	801	1.7	11.95	132.4104	92.1724	TERRENO
	LAG1	12000	0	1.549	802	1.7	13.436	123.2523	93.1111	LINDERO
	LAG1	12000	0	1.549	803	1.7	18.349	108.5804	92.3033	TERRENO
	LAG1	12000	0	1.549	804	1.7	24.189	100.1753	92.0515	TERRENO
	LAG1	12000	0	1.549	805	1.7	22.423	175.4906	90.1458	TERRENO
	LAG1	12000	0	1.549	806	1.7	22.522	172.0424	89.0308	TERRENO
	LAG1	12000	0	1.549	807	1.7	22.338	167.3057	89.0717	TERRENO
	LAG1	12000	0	1.549	808	1.7	22.406	160.2901	90.0458	TERRENO
	LAG1	12000	0	1.549	809	1.7	22.653	152.1631	91.0523	TERRENO
	LAG1	12000	0	1.549	810	1.7	22.772	137.1933	92.1322	LINDERO
	LAG1	12000	0	1.549	811	1.7	25.396	127.0851	92.0004	LINDERO
	LAG1	12000	0	1.549	812	1.7	29.058	117.5001	91.3857	LINDERO
	LAG1	12000	0	1.549	813	1.7	24.839	139.2623	91.524	TERRENO
	LAG1	12000	0	1.549	814	1.7	27.438	130.3953	91.4849	TERRENO
	LAG1	12000	0	1.549	815	1.7	31.379	120.5955	91.3734	TERRENO
	LAG1	12000	0	1.549	816	1.7	40.972	176.4217	90.0151	TERRENO
	LAG1	12000	0	1.549	817	1.7	41.063	174.0748	89.2008	TERRENO
	LAG1	12000	0	1.549	818	1.7	40.96	171.0345	89.1352	TERRENO
	LAG1	12000	0	1.549	819	1.7	41.2	166.5436	89.4414	TERRENO
	LAG1	12000	0	1.549	820	1.7	41.365	163.0515	90.0806	TERRENO
	LAG1	12000	0	1.549	821	1.7	41.701	158.5037	90.495	TERRENO
	LAG1	12000	0	1.549	822	1.7	42.673	152.3549	90.5541	TERRENO
	LAG1	12000	0	1.549	823	1.7	35.68	145.541	91.0054	PARAMENTO
	LAG1	12000	0	1.549	824	1.7	49.426	116.5442	91.1516	PARAMENTO
	LAG1	12000	0	1.549	825	1.7	59.871	191.275	89.4718	TERRENO
	LAG1	12000	0	1.549	826	1.7	61.725	190.5819	89.5018	TERRENO
	LAG1	12000	0	1.549	827	1.7	65.713	189.514	90.0928	TERRENO
	LAG1	12000	0	1.549	828	1.7	69.154	188.583	90.3109	TERRENO
	LAG1	12000	0	1.549	829	1.7	70.724	187.4135	90.1311	ESTRUCTURA
	LAG1	12000	0	1.549	830	1.7	71.342	189.1309	90.1355	ESTRUCTURA
	LAG1	12000	0	1.549	831	1.7	73.183	188.4109	90.1429	ESTRUCTURA
	LAG1	12000	0	1.549	832	1.7	72.585	187.1159	90.1255	ESTRUCTURA
	LAG1	12000	0	1.549	833	1.7	73.654	187.5722	90.3426	TERRENO
	LAG1	12000	0	1.549	834	1.7	17.922	293.2725	89.181	TERRENO
	LAG1	12000	0	1.549	835	1.7	19.246	300.3708	89.454	TERRENO



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LAG1	12000	0	1.549	836	1.7	21.361	309.3152	90.4708	TERRENO
LAG1	12000	0	1.549	837	1.7	23.15	316.0133	91.1551	TERRENO
LAG1	12000	0	1.549	838	1.7	25.944	324.2414	91.483	TERRENO
LAG1	12000	0	1.549	839	1.7	30.345	332.3021	91.3945	TERRENO
LAG1	12000	0	1.549	840	1.7	26.918	345.2505	91.4739	LINDERO
LAG1	12000	0	1.549	841	1.7	30.865	335.1015	91.3822	LINDERO
LAG1	12000	0	1.549	842	1.7	17.024	326.3753	92.2423	LINDERO
LAG1	12000	0	1.549	843	1.7	22.635	314.0043	91.0706	LINDERO
LAG1	12000	0	1.549	844	1.7	14.576	351.4923	93.3034	LINDERO
LAG1	12000	0	1.549	845	1.7	14.654	15.1709	93.0807	LINDERO
LAG1	12000	0	1.549	846	1.7	27.154	359.2732	91.4314	LINDERO
LAG1	12000	0	1.549	847	1.7	32.81	253.0516	89.3919	TERRENO
LAG1	12000	0	1.549	848	1.7	34.686	254.0015	89.3521	TERRENO
LAG1	12000	0	1.549	849	1.7	33.45	253.4406	89.3521	TERRENO
LAG1	12000	0	1.549	850	1.7	35.521	254.493	89.5551	TERRENO
LAG1	12000	0	1.549	851	1.7	42.394	223.0835	90.1247	TERRENO
LAG1	12000	0	1.549	852	1.7	43.685	224.3032	89.3519	TERRENO
LAG1	12000	0	1.549	853	1.7	44.588	225.2616	89.4439	TERRENO
LAG1	12000	0	1.549	854	1.7	45.332	226.0903	90.0931	TERRENO
LAG1	12000	0	1.549	855	1.7	33.92	296.2236	89.503	TERRENO
LAG1	12000	0	1.549	856	1.7	36.044	294.1141	89.3754	TERRENO
LAG1	12000	0	1.549	857	1.7	36.847	293.2243	89.3914	TERRENO
LAG1	12000	0	1.549	858	1.7	37.949	292.5137	89.5034	TERRENO
LAG1	12000	0	1.549	859	1.7	38.36	292.3014	90.101	TERRENO
LAG1	12000	0	1.549	860	1.7	60.742	311.4211	90.3928	TERRENO
LAG1	12000	0	1.549	861	1.7	56.737	306.4758	90.2442	TERRENO
LAG1	12000	0	1.549	862	1.7	53.375	301.4354	89.5742	TERRENO
LAG1	12000	0	1.549	863	1.7	52.503	299.502	89.435	TERRENO
LAG1	12000	0	1.549	864	3.5	51.643	297.3309	88.0004	TERRENO
LAG1	12000	0	1.549	865	1.7	47.002	252.1813	90.2328	TERRENO
LAG1	12000	0	1.549	866	1.7	47.249	251.3311	89.4608	TERRENO
LAG1	12000	0	1.549	867	1.7	47.652	250.0351	89.4331	TERRENO
LAG1	12000	0	1.549	868	5	47.838	250.0331	85.4523	TERRENO
LAG1	12000	0	1.549	869	5	47.704	248.4118	85.4517	TERRENO
LAG1	12000	0	1.549	870	5	47.648	247.3519	86.2137	TERRENO
LAG1	12000	0	1.549	871	1.7	69.699	216.4439	89.5446	TERRENO
LAG1	12000	0	1.549	872	1.7	70.881	215.5747	89.3556	TERRENO
LAG1	12000	0	1.549	873	1.7	72.899	214.4406	89.3537	TERRENO
LAG3	LAG2	0	1.567	LAG2	1.7	29.08	0	89.4321	
SD	89.89.4321								
LAG3	LAG2	0	1.567	874	1.7	30.131	197.2155	90.3642	TERRENO
LAG3	LAG2	0	1.567	875	1.7	30.925	196.5633	89.5906	TERRENO
LAG3	LAG2	0	1.567	876	1.7	33.258	196.1816	89.4947	TERRENO
LAG3	LAG2	0	1.567	877	1.7	35.789	196.0347	90.3143	TERRENO
LAG3	LAG2	0	1.567	878	1.7	39.813	195.393	91.0456	TERRENO
LAG3	LAG2	0	1.567	879	1.7	43.205	195.2722	91.0816	TERRENO
LAG3	LAG2	0	1.567	880	1.7	13.128	312.2004	92.3516	TERRENO
LAG3	LAG2	0	1.567	881	1.7	13.72	315.4248	90.1758	TERRENO
LAG3	LAG2	0	1.567	882	1.7	15.229	320.2235	90.1837	TERRENO
LAG3	LAG2	0	1.567	883	1.7	15.726	321.5012	91.4248	TERRENO
LAG3	LAG2	0	1.567	884	1.7	14.411	318.0147	89.5144	TERRENO
LAG3	LAG2	0	1.567	885	1.7	30.667	157.282	90.5018	TERRENO
LAG3	LAG2	0	1.567	886	1.7	31.677	157.5128	90.2444	TERRENO
LAG3	LAG2	0	1.567	887	1.7	32.858	158.2207	90.1437	TERRENO
LAG3	LAG2	0	1.567	888	1.5	34.277	158.3226	90.2314	TERRENO
LAG3	LAG2	0	1.567	889	1.5	35.946	159.5104	90.3703	TERRENO
LAG3	LAG2	0	1.567	890	1.5	37.282	161.035	90.541	TERRENO
LAG3	LAG2	0	1.567	891	1.7	38.739	162.4559	91.0556	TERRENO
LAG3	LAG2	0	1.567	892	1.7	50.873	351.1807	90.3745	TERRENO



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	LAG3	LAG2	0	1.567	893	1.7	52.725	351.3346	89.4546	TERRENO
	LAG3	LAG2	0	1.567	894	1.7	55.111	352.0952	89.4116	TERRENO
	LAG3	LAG2	0	1.567	895	1.7	56.494	351.5617	89.5242	TERRENO
	LAG3	LAG2	0	1.567	896	1.7	14.475	50.3947	91.3432	TERRENO
	LAG3	LAG2	0	1.567	897	1.7	15.002	48.1724	90.2056	TERRENO
	LAG3	LAG2	0	1.567	898	1.7	16.462	43.503	90.0623	TERRENO
	LAG3	LAG2	0	1.567	899	2.4	59.869	351.3918	89.3648	TERRENO
	LAG3	LAG2	0	1.567	900	1.7	17.515	41.1948	92.0758	TERRENO
	LAG3	LAG2	0	1.567	901	2.4	61.679	352.0342	89.451	TERRENO
	LAG3	LAG2	0	1.567	902	1.7	50.158	9.3956	90.4938	TERRENO
	LAG3	LAG2	0	1.567	903	1.7	52.664	9.2523	89.3147	TERRENO
	LAG3	LAG2	0	1.567	904	1.7	54.544	9.182	89.2357	TERRENO
	LAG3	LAG2	0	1.567	905	1.7	57.646	8.5404	89.4534	TERRENO
	LAG3	LAG2	0	1.567	906	1.7	59.558	8.5334	90.0135	TERRENO
	LAG3	LAG2	0	1.567	907	1.7	61.261	9.0243	90.1303	TERRENO
	LAG3	LAG2	0	1.567	908	2.9	62.398	8.2352	89.1637	TERRENO
	LAG3	LAG2	0	1.567	909	2.6	65.615	115.0837	89.51	TERRENO
	LAG3	LAG2	0	1.567	910	2.6	66.635	116.0658	89.3131	TERRENO
	LAG3	LAG2	0	1.567	911	2.6	67.355	116.5535	89.2319	TERRENO
	LAG3	LAG2	0	1.567	912	2.6	68.147	117.4039	89.2524	TERRENO
	LAG3	LAG2	0	1.567	LAG2	1.7	29.075	0	90.0721	
SD	90.90.0721									
	LAG3	LAG2	0	1.567	913	4	69.218	118.4616	88.2401	TERRENO
	LAG3	LAG2	0	1.567	914	4	70.172	119.3118	88.3544	TERRENO
	LAG3	LAG2	0	1.567	915	5	71.257	120.2401	87.533	TERRENO
	LAG3	LAG2	0	1.567	916	1.7	9.263	194.1637	94.0144	TERRENO
	LAG3	LAG2	0	1.567	917	1.7	9.012	187.5202	92.1747	TERRENO
	LAG3	LAG2	0	1.567	918	1.7	8.919	183.0636	91.4721	TERRENO
	LAG3	LAG2	0	1.567	919	1.7	8.967	175.3815	91.0528	TERRENO
	LAG3	LAG2	0	1.567	920	1.7	9.154	170.5818	92.5557	TERRENO
	LAG3	LAG2	0	1.567	921	2.9	78.713	94.0833	89.3908	TERRENO
	LAG3	LAG2	0	1.567	922	2.9	80.191	94.1808	89.1609	TERRENO
	LAG3	LAG2	0	1.567	923	2.9	82.494	94.1257	89.1537	TERRENO
	LAG3	LAG2	0	1.567	924	2.9	83.456	94.0117	89.3308	TERRENO
	LAG3	LAG2	0	1.567	925	1.7	30.833	358.0423	91.1443	TERRENO
	LAG3	LAG2	0	1.567	926	1.7	30.8	358.5216	90.3132	TERRENO
	LAG3	LAG2	0	1.567	927	1.7	30.957	1.0543	90.3309	TERRENO
	LAG3	LAG2	0	1.567	928	1.7	31.006	4.1719	91.2854	TERRENO
	LAG4	LAG2	0	1.48	LAG2	1.7	83.439	0	90.0643	
SD	90.90.0643									
	LAG4	LAG2	0	1.48	929	1.7	13.457	35.2918	94.341	TERRENO
	LAG4	LAG2	0	1.48	930	1.7	13.821	39.3405	91.5529	TERRENO
	LAG4	LAG2	0	1.48	931	1.7	14.163	43.1502	90.1102	TERRENO
	LAG4	LAG2	0	1.48	932	1.7	14.651	48.2334	90.0108	TERRENO
	LAG4	LAG2	0	1.48	933	1.7	15.951	55.3757	90.2509	TERRENO
	LAG4	LAG2	0	1.48	934	1.7	18.309	62.5216	91.2144	TERRENO
	LAG4	LAG2	0	1.48	935	2.5	21.147	66.364	90.0414	TERRENO
	LAG4	LAG2	0	1.48	936	2.5	23.296	68.2122	90.3004	TERRENO
	LAG4	LAG2	0	1.483	LAG2	1.7	83.443	0	90.0648	
SD	90.90.0648									
	LAG4	LAG2	0	1.483	937	1.7	9.562	215.1101	99.26	TERRENO
	LAG4	LAG2	0	1.483	938	1.7	5.99	227.1647	101.2949	TERRENO
	LAG4	LAG2	0	1.483	939	1.7	4.159	230.5348	101.5526	TERRENO
	LAG4	LAG2	0	1.483	940	1.7	2.64	245.371	89.4815	TERRENO
	LAG4	LAG2	0	1.483	941	1.7	2.391	275.281	85.5322	TERRENO
	LAG4	LAG2	0	1.483	942	1.7	2.704	310.4447	87.4709	TERRENO
	LAG4	LAG2	0	1.483	943	1.7	2.966	318.1506	90.0412	TERRENO
	LAG4	LAG2	0	1.483	944	1.7	3.63	325.1719	93.4143	TERRENO
	LAG4	LAG2	0	1.483	945	1.7	5.394	338.5545	102.1357	TERRENO



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LAG4 LAG2	0	1.483	946	1.7	33.121	299.0135	91.3429	TERRENO
LAG4 LAG2	0	1.483	947	1.7	33.772	298.3108	90.4815	TERRENO
LAG4 LAG2	0	1.483	948	1.7	35.369	297.2755	90.2538	TERRENO
LAG4 LAG2	0	1.483	949	1.7	36.166	297.1554	90.3506	TERRENO
LAG4 LAG2	0	1.483	950	1.7	36.505	297.1112	91.0151	TERRENO
LAG4 LAG2	0	1.483	951	1.7	37	296.5412	91.4539	TERRENO
LAG4 LAG2	0	1.483	952	1.7	14.785	296.3758	93.5003	TERRENO
LAG4 LAG2	0	1.483	953	1.7	14.499	293.0958	91.5731	TERRENO
LAG4 LAG2	0	1.483	954	1.7	14.295	289.3428	90.0501	TERRENO
LAG4 LAG2	0	1.483	955	1.7	14.228	285.2914	89.4233	TERRENO
LAG4 LAG2	0	1.483	956	1.7	14.098	283.1803	89.3733	TERRENO



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COMISION B
INGENIERA XIMENA CRUZ



ELBER DE J HERNÁNDEZ D
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11001	11000	0	1.452	11000	1.7	89.938	0	89.5239	DELTA
11001	11000	0	1.452	11002	1.7	101.317	180.0744	89.403	DELTA
11001	11000	0	1.452	1	1.7	46.738	353.5058	89.2715	CERRAMIENT
11001	11000	0	1.452	2	2	47.552	7.2844	88.2321	PARAMENTO
11001	11000	0	1.452	3	1.7	49.416	1.3447	89.314	BORDE_VIA
11001	11000	0	1.452	4	1.7	49.614	355.0429	89.3139	BORDE_VIA
11001	11000	0	1.452	5	1.7	53.304	1.2443	89.3418	BORDE_VIA
11001	11000	0	1.452	6	1.7	53.699	355.2337	89.3518	BORDE_VIA
11001	11000	0	1.452	7	1.7	53.582	4.5417	89.3651	BORDE_VIA
11001	11000	0	1.452	8	1.7	53.818	352.2024	89.3537	BORDE_VIA
11001	11000	0	1.452	9	1.7	49.937	4.5343	89.3504	BORDE_VIA
11001	11000	0	1.452	10	1.7	50.024	352.0927	89.331	BORDE_VIA
11001	11000	0	1.452	11	1.7	38.538	5.3242	89.1503	POSTE
11001	11000	0	1.452	12	2.5	49.217	349.2501	88.3254	PARAMENTO
11001	11000	0	1.452	13	1.7	13.375	12.4855	88.4519	POSTE
11001	11000	0	1.452	14	1.7	15.219	338.5005	89.0035	CERRAMIENT
11001	11000	0	1.452	15	1.7	14.324	335.1515	88.5512	CERRAMIENT
11001	11000	0	1.452	16	1.7	14.335	330.5838	88.3654	CERRAMIENT
11001	11000	0	1.452	17	1.7	17.034	317.4557	88.2934	CERRAMIENT
11001	11000	0	1.452	18	1.7	15.864	22.3741	87.5823	PARAMENTO
11001	11000	0	1.452	19	1.7	7.551	314.3958	86.5604	PARAMENTO
11001	11000	0	1.452	20	1.7	7.715	52.2213	87.2425	PARAMENTO
11001	11000	0	1.452	21	1.7	4.003	121.3044	85.3934	POSTE
11001	11000	0	1.452	22	1.7	13.646	330.1027	88.5045	BORDE_VIA
11001	11000	0	1.452	23	1.7	12.389	5.1357	88.5044	BORDE_VIA
11001	11000	0	1.452	24	1.7	16.056	315.5246	88.5044	BORDE_VIA
11001	11000	0	1.452	25	1.7	13.3	26.3904	88.5931	BORDE_VIA
11001	11000	0	1.452	26	1.7	9.724	317.3427	88.1203	BORDE_VIA
11001	11000	0	1.452	27	1.7	7.24	328.2729	87.3417	BORDE_VIA
11001	11000	0	1.452	28	1.7	9.162	34.2634	88.3318	BORDE_VIA
11001	11000	0	1.452	29	1.7	7.308	9.2342	88.0201	BORDE_VIA
11001	11000	0	1.452	30	1.7	13.104	341.1538	88.5814	BORDE_VIA
11001	11000	0	1.452	31	1.7	10.574	13.4225	88.2847	MANHOLE
11001	11000	0	1.452	32	1.7	11.463	334.0612	88.4507	MANHOLE
11001	11000	0	1.452	33	1.7	5.307	32.3443	87.0118	SUMIDERO
11001	11000	0	1.452	34	1.7	3.926	28.1916	86.1837	SUMIDERO
11001	11000	0	1.452	35	1.7	12.487	11.063	89.3023	SUMIDERO
11001	11000	0	1.452	36	1.7	12.149	9.0811	89.3023	SUMIDERO
11001	11000	0	1.452	37	1.7	49.154	3.5353	89.1756	CERRAMIENT
11001	11000	0	1.452	38	1.7	13.531	13.3738	88.29	CERRAMIENT
11001	11000	0	1.452	39	1.7	17.048	43.3759	89.0535	CERRAMIENT
11001	11000	0	1.452	40	1.7	8.161	36.3207	88.1211	CERRAMIENT
11001	11000	0	1.452	41	1.7	6.162	31.025	89.5853	CERRAMIENT
11001	11000	0	1.452	42	1.7	7.33	32.2138	87.3714	CERRAMIENT
11001	11000	0	1.452	43	0.085	24.094	172.4729	92.5617	CERRAMIENT
11001	11000	0	1.452	44	1.7	27.564	191.1946	89.2346	PARAMENTO
11001	11000	0	1.452	45	1.7	28.913	188.423	89.1742	BORDE_VIA
11001	11000	0	1.452	46	1.7	28.428	177.2841	89.2734	BORDE_VIA
11001	11000	0	1.452	47	1.7	29.475	191.1836	89.2258	BORDE_VIA
11001	11000	0	1.452	48	1.7	34.048	177.5327	89.2618	BORDE_VIA
11001	11000	0	1.452	49	1.7	33.393	191.1814	89.2618	BORDE_VIA
11001	11000	0	1.452	50	1.7	33.232	187.4019	89.1808	BORDE_VIA
11001	11000	0	1.452	51	1.7	35.942	187.595	89.2623	POSTE
11001	11000	0	1.452	52	1.7	31.617	175.5754	89.2334	MANHOLE
11001	11000	0	1.452	53	0.085	35.494	174.182	92.02	POSTE
11001	11000	0	1.452	11003	1.7	10.589	23.1623	88.3448	DELTA
11001	11000	0	1.452	54	1.7	64.81	0	89.4111	LINEAMIENT
11001	11000	0	1.452	55	1.7	30.702	0	89.1657	LINEAMIENT
11001	11000	0	1.452	56	1.7	7.939	0	88.1151	LINEAMIENT



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11002	11001	359.5959	1.426	11001	1.7	101.314	359.5959	90.0129	DELTA
11002	11001	359.5959	1.426	11004	1.7	64.472	183.552	89.5729	DELTA
11002	11001	359.5959	1.426	57	1.7	26.694	188.5744	88.3731	MANHOLE
11002	11001	359.5959	1.426	58	1.7	64.647	352.0539	89.3708	PARAMENTO
11002	11001	359.5959	1.426	59	1.7	64.732	2.4926	89.5134	CERRAMIENT
11002	11001	359.5959	1.426	60	2.5	74.24	4.3941	89.1438	PARAMENTO
11002	11001	359.5959	1.426	61	1.7	64.819	5.212	89.5753	PARAMENTO
11002	11001	359.5959	1.426	62	1.7	51.337	3.1721	89.4322	CERRAMIENT
11002	11001	359.5959	1.426	63	1.7	33.195	344.3236	89.1028	PARAMENTO
11002	11001	359.5959	1.426	64	1.7	26.875	346.2355	89.3533	SUMIDERO
11002	11001	359.5959	1.426	65	1.7	26.232	346.5303	89.3931	SUMIDERO
11002	11001	359.5959	1.426	66	1.7	27.559	345.2813	89.3932	MANHOLE
11002	11001	359.5959	1.426	67	1.7	29.051	351.1719	89.2803	BORDE_VIA
11002	11001	359.5959	1.426	68	1.7	25.656	350.0752	89.2425	BORDE_VIA
11002	11001	359.5959	1.426	69	1.7	27.483	339.0709	89.3338	BORDE_VIA
11002	11001	359.5959	1.426	70	1.7	30.168	341.415	89.3338	BORDE_VIA
11002	11001	359.5959	1.426	71	1.7	32.563	10.4131	89.2603	PARAMENTO
11002	11001	359.5959	1.426	72	1.7	28.808	3.0416	89.3839	BORDE_VIA
11002	11001	359.5959	1.426	73	1.7	24.854	3.5505	89.3207	BORDE_VIA
11002	11001	359.5959	1.426	74	1.7	26.039	13.3139	89.4826	BORDE_VIA
11002	11001	359.5959	1.426	75	1.7	29.576	12.5938	89.4151	BORDE_VIA
11002	11001	359.5959	1.426	76	1.7	24.201	338.3014	88.2645	PARAMENTO
11002	11001	359.5959	1.426	77	1.7	30.279	7.0059	89.3654	POSTE
11002	11001	359.5959	1.426	78	1.7	7.486	318.282	87.4053	POSTE
11002	11001	359.5959	1.426	79	1.7	33.013	6.2936	89.2814	POSTE
11002	11001	359.5959	1.426	80	1.7	27.712	8.255	89.4751	MANHOLE
11002	11001	359.5959	1.426	81	1.7	23.294	14.5708	89.0351	PARAMENTO
11002	11001	359.5959	1.426	82	1.7	17.838	11.245	88.4922	POSTE
11002	11001	359.5959	1.426	83	1.7	6.71	32.0634	85.4006	POSTE
11002	11001	359.5959	1.426	84	1.7	13.783	220.212	88.0903	PARAMENTO
11002	11001	359.5959	1.426	85	1.7	12.172	150.1527	86.5708	PARAMENTO
11002	11001	359.5959	1.426	86	1.7	12.172	163.4331	88.024	POSTE
11002	11001	359.5959	1.426	87	1.7	13.055	219.5621	88.2807	BORDE_VIA
11002	11001	359.5959	1.426	88	1.7	17.723	195.0944	88.0019	BORDE_VIA
11002	11001	359.5959	1.426	89	1.7	16.902	174.475	88.1721	BORDE_VIA
11002	11001	359.5959	1.426	90	1.7	14.135	168.5835	87.5632	CAJ_ENE
11002	11001	359.5959	1.426	91	1.7	14.024	171.1348	88.0105	CAJ_ENE
11002	11001	359.5959	1.426	92	1.7	13.253	170.52	87.5102	CAJ_ENE
11002	11001	359.5959	1.426	93	1.7	19.034	151.5352	88.213	BORDE_VIA
11002	11001	359.5959	1.426	94	1.7	28.834	172.4902	89.0517	POSTE
11002	11001	359.5959	1.426	95	1.7	31.352	167.5356	89.0503	PARAMENTO
11002	11001	359.5959	1.426	96	1.7	34.37	153.303	88.5506	PARAMENTO
11002	11001	359.5959	1.426	97	1.7	33.295	210.0603	88.5812	LINDERO
11002	11001	359.5959	1.426	98	1.7	26.269	157.1443	88.52	BORDE_VIA
11002	11001	359.5959	1.426	99	1.7	30.296	197.1053	89.041	LINDERO
11002	11001	359.5959	1.426	100	1.7	24.279	176.2028	88.5132	BORDE_VIA
11002	11001	359.5959	1.426	101	1.7	33.684	191.2629	89.2652	BORDE_VIA
11002	11001	359.5959	1.426	102	1.7	33.615	179.3337	89.1315	BORDE_VIA
11002	11001	359.5959	1.426	103	1.7	24.92	195.312	88.3228	BORDE_VIA
11002	11001	359.5959	1.426	104	1.7	27.848	210.455	88.4235	BORDE_VIA
11002	11001	359.5959	1.426	105	1.7	15.63	199.4419	88.4056	MANHOLE
11002	11001	359.5959	1.426	106	1.7	80.886	0.0001	89.5837	LINEAMIENT
11002	11001	359.5959	1.426	107	1.7	61.248	0.0001	89.4733	LINEAMIENT
11002	11001	359.5959	1.426	108	1.7	41.21	0.0001	89.3821	LINEAMIENT
11002	11001	359.5959	1.426	109	1.7	18.239	0.0001	89.0659	LINEAMIENT
11002	11001	359.5959	1.426	11006	1.7	71.002	0.5922	89.565	DELTA
11002	11001	359.5959	1.426	11005	1.7	28.728	4.363	89.4151	DELTA
11004	11002	0	1.439	11002	1.7	64.48	0	89.3329	DELTA
11004	11002	0	1.439	11007	1.7	6.539	127.2313	88.0811	DELTA



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11004	11002	0	1.439	110	1.7	6.206	194.1553	86.5054	MANHOLE
11004	11002	0	1.439	111	1.7	49.424	6.3736	89.0928	VALVULA
11004	11002	0	1.439	112	1.7	5.485	236.2652	87.1527	PARAMENTO
11004	11002	0	1.439	113	1.7	14.925	338.4037	87.5628	PARAMENTO
11004	11002	0	1.439	114	1.7	6.318	153.5314	88.3018	PARAMENTO
11004	11002	0	1.439	115	1.7	14.606	345.3037	88.1152	POSTE
11004	11002	0	1.439	116	1.7	14.085	44.1544	88.2514	PARAMENTO
11004	11002	0	1.439	117	1.7	24.513	22.1653	88.4643	PARAMENTO
11004	11002	0	1.439	118	1.7	16.273	36.5601	88.3829	PARAMENTO
11004	11002	0	1.439	119	1.7	10.703	49.4011	89.0143	PARAMENTO
11004	11002	0	1.439	120	1.7	9.554	107.2226	82.4451	PARAMENTO
11004	11002	0	1.439	121	1.7	2.449	310.2757	82.3355	BORDE_VIA
11004	11002	0	1.439	122	1.7	2.688	60.2319	84.2704	BORDE_VIA
11004	11002	0	1.439	123	1.7	55.971	0	89.3124	LINEAMIENT
11004	11002	0	1.439	124	1.7	47.849	0	89.0801	LINEAMIENT
11004	11002	0	1.439	125	1.7	47.3	0	88.5829	LINEAMIENT
11004	11002	0	1.439	126	1.7	40.497	0	88.4544	LINEAMIENT
11004	11002	0	1.439	127	1.7	40.205	0	89.0106	LINEAMIENT
11004	11002	0	1.439	128	1.7	38.174	0	89.0106	LINEAMIENT
11004	11002	0	1.439	129	1.7	32.828	0	88.5655	LINEAMIENT
11004	11002	0	1.439	130	1.7	17.173	0	88.3804	LINEAMIENT
11004	11002	0	1.439	131	1.7	6.179	0	86.483	LINEAMIENT
11004	11002	0	1.439	132	1.7	2.607	0	85.1236	LINEAMIENT
11007	11004	0	1.443	11004	1.7	6.554	0	87.1811	DELTA
11007	11004	0	1.443	11008	1.7	76.746	151.5701	89.2547	DELTA
11007	11004	0	1.443	133	1.7	12.384	327.5313	88.5323	PARAMENTO
11007	11004	0	1.443	134	1.7	13.676	302.1747	88.5323	PARAMENTO
11007	11004	0	1.443	135	1.7	12.932	141.2146	87.3941	PARAMENTO
11007	11004	0	1.443	136	1.7	17.97	154.2016	88.3835	PARAMENTO
11007	11004	0	1.443	137	1.7	6.009	0	87.2731	LINEAMIENT
11007	11004	0	1.443	138	1.7	5.293	0	87.4914	LINEAMIENT
11007	11004	0	1.443	139	1.7	2.284	0	83.4528	LINEAMIENT
11007	11004	0	1.463	11004	1.7	6.556	0	87.3117	DELTA
11007	11004	0	1.463	11008	1.7	76.756	151.561	89.2658	DELTA
11008	11007	0.0001	1.445	11007	1.7	76.759	0.0001	90.1122	DELTA
11008	11007	0.0001	1.445	11007	1.7	76.755	0	90.1146	DELTA
11008	11007	0.0001	1.445	11009	1.7	35.284	268.3315	89.1546	DELTA
11008	11007	0.0001	1.445	140	4	52.531	355.2559	87.2634	POSTE
11008	11007	0.0001	1.445	141	1.7	58.669	354.0724	89.3349	PARAMENTO
11008	11007	0.0001	1.445	142	1.7	53.086	1.1412	89.5708	BORDE_VIA
11008	11007	0.0001	1.445	143	1.7	53.324	358.3136	90.0121	BORDE_VIA
11008	11007	0.0001	1.445	144	1.7	31.132	4.0825	89.4954	PARAMENTO
11008	11007	0.0001	1.445	145	1.7	26.039	5.4306	89.4955	PARAMENTO
11008	11007	0.0001	1.445	146	1.7	34.22	351.2612	89.4955	PARAMENTO
11008	11007	0.0001	1.445	147	1.7	33.891	352.1834	89.4955	POSTE
11008	11007	0.0001	1.445	148	1.7	28.88	350.3921	89.4251	PARAMENTO
11008	11007	0.0001	1.445	149	1.7	23.451	349.5727	88.0408	PARAMENTO
11008	11007	0.0001	1.445	150	1.7	7.115	64.0957	86.5807	PARAMENTO
11008	11007	0.0001	1.445	151	1.7	3.982	307.4532	85.3344	PARAMENTO
11008	11007	0.0001	1.445	152	1.7	5.765	70.4704	87.1801	POSTE
11008	11007	0.0001	1.445	153	1.7	3.089	125.5945	83.1816	MANHOLE
11008	11007	0.0001	1.445	154	1.7	11.675	69.1839	88.075	PARAMENTO
11008	11007	0.0001	1.445	155	1.7	17.735	106.5707	88.5621	POSTE
11008	11007	0.0001	1.445	156	1.7	27.432	78.265	88.3827	POSTE
11008	11007	0.0001	1.445	157	1.7	28.64	84.4432	88.5949	BORDE_VIA
11008	11007	0.0001	1.445	158	1.7	29.409	92.1431	89.0825	BORDE_VIA
11008	11007	0.0001	1.445	159	1.7	5.394	90.242	87.4	BORDE_VIA
11008	11007	0.0001	1.445	160	1.7	7.471	126.2029	87.0747	BORDE_VIA
11008	11007	0.0001	1.445	161	1.7	9.178	149.0353	86.4323	POSTE



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11008	11007	0.0001	1.445	162	1.7	10.391	149.5454	82.5505	PARAMENTO
11008	11007	0.0001	1.445	163	2.6	17.613	108.0009	85.4438	LINDERO
11008	11007	0.0001	1.445	164	1.7	2.398	272.2021	86.0854	BORDE_VIA
11008	11007	0.0001	1.445	165	1.7	14.15	200.0913	84.1947	PARAMENTO
11008	11007	0.0001	1.445	166	1.7	13.77	201.5834	84.2653	PARAMENTO
11008	11007	0.0001	1.445	167	1.7	16.577	212.5514	88.1509	PARAMENTO
11008	11007	0.0001	1.445	168	1.9	14.92	226.4359	87.2939	LINDERO
11008	11007	0.0001	1.445	169	1.7	4.045	275.2529	88.3309	SUMIDERO
11008	11007	0.0001	1.445	170	1.7	63.666	0	90.1118	LINEAMIENT
11008	11007	0.0001	1.445	171	1.7	39.596	0	89.4835	LINEAMIENT
11008	11007	0.0001	1.445	172	1.7	17.891	0	89.4835	LINEAMIENT
11008	11007	0.0001	1.445	173	1.7	4.885	0	88.4231	LINEAMIENT
11008	11007	0.0001	1.445	174	1.7	2.918	0	83.3049	LINEAMIENT
11008	11007	0.0001	1.445	175	1.7	1.711	0	83.3128	LINEAMIENT
11009	11008	0	1.433	11008	1.7	35.283	0	89.522	DELTA
11009	11008	0	1.433	11010	1.7	7.974	222.3438	88.5441	DELTA
11009	11008	0	1.433	176	1.7	26.218	354.5936	89.5813	CERRAMIENT
11009	11008	0	1.433	177	1.7	3.69	332.3455	84.5123	CERRAMIENT
11009	11008	0	1.433	178	1.7	26.141	358.3103	89.5518	CERRAMIENT
11009	11008	0	1.433	179	1.7	2.817	278.4541	83.0921	CERRAMIENT
11009	11008	0	1.433	180	0.085	25.434	359.0647	91.5559	CERRAMIENT
11009	11008	0	1.433	181	2.5	4.568	258.1231	75.3217	CERRAMIENT
11009	11008	0	1.433	182	1.7	15.997	57.4653	89.3648	LINDERO
11009	11008	0	1.433	183	1.7	4.455	277.4412	82.2655	PARAMENTO
11009	11008	0	1.433	184	1.7	23.631	69.1032	89.3928	LINDERO
11009	11008	0	1.433	185	1.7	27.305	73.1159	89.4645	BORDE_VIA
11009	11008	0	1.433	186	1.7	27.687	83.5808	89.5932	BORDE_VIA
11009	11008	0	1.433	187	1.7	10.086	43.5543	88.1215	BORDE_VIA
11009	11008	0	1.433	188	1.7	11.853	72.164	89.0846	BORDE_VIA
11009	11008	0	1.433	189	1.7	11.121	97.5424	89.2655	BORDE_VIA
11009	11008	0	1.433	190	1.7	15.139	77.5627	89.2655	BORDE_VIA
11009	11008	0	1.433	191	1.7	16.031	96.4927	90.1346	POSTE
11009	11008	0	1.433	192	1.7	13.794	122.4653	92.5334	CERRAMIENT
11009	11008	0	1.433	NO	1.7	5.98	164.0624	85.3432	NO
11009	11008	0	1.433	193	1.7	6.012	168.44	85.1337	MANHOLE
11009	11008	0	1.433	194	1.7	25.328	94.513	89.5433	CERRAMIENT
11009	11008	0	1.433	195	1.7	27.651	91.511	89.3122	CERRAMIENT
11009	11008	0	1.433	196	1.7	7.159	153.2147	89.2758	ARBOL
11009	11008	0	1.433	197	1.7	8.226	165.4134	91.4307	ARBOL
11009	11008	0	1.433	198	1.7	7.737	187.032	89.21	ARBOL
11009	11008	0	1.433	199	1.7	10.403	11.5304	88.0812	BORDE_VIA
11009	11008	0	1.433	200	1.7	3.255	11.275	84.37	BORDE_VIA
11009	11008	0	1.433	201	1.7	3.035	230.1723	85.1201	BORDE_VIA
11009	11008	0	1.433	202	1.7	5.478	130.4928	88.1046	BORDE_VIA
11009	11008	0	1.433	203	1.7	9.617	121.2856	94.2842	ESTRUCTURA
11009	11008	0	1.433	204	1.7	9.896	123.2555	94.2629	ESTRUCTURA
11009	11008	0	1.433	205	1.7	10.947	119.495	93.4711	ESTRUCTURA
11009	11008	0	1.433	206	1.7	10.896	117.5543	93.4712	ESTRUCTURA
11009	11008	0	1.433	207	1.7	11.207	119.4154	93.4303	ESTRUCTURA
11009	11008	0	1.433	208	1.7	11.274	119.1346	93.2135	ESTRUCTURA
11009	11008	0	1.433	209	1.7	11.331	120.0706	91.3224	ESTRUCTURA
11009	11008	0	1.433	210	1.7	11.408	119.5713	91.3224	ESTRUCTURA
11009	11008	0	1.433	211	1.7	13.874	124.4134	93.0756	ESTRUCTURA
11009	11008	0	1.433	212	1.7	14.737	124.434	93.0756	ESTRUCTURA
11009	11008	0	1.433	213	1.7	14.561	129.4711	93.331	ESTRUCTURA
11009	11008	0	1.433	214	1.7	13.826	129.522	93.331	ESTRUCTURA
11009	11008	0	1.433	215	1.7	13.976	124.0223	92.1703	ESTRUCTURA
11009	11008	0	1.433	216	1.7	13.946	124.2947	92.1304	ESTRUCTURA
11009	11008	0	1.433	217	1.7	13.861	123.5815	91.1857	ESTRUCTURA



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11009	11008	0	1.433	218	1.7	13.837	124.302	91.1857	ESTRUCTURA
11009	11008	0	1.433	219	1.7	12.558	123.0343	96.5455	TUBO
11009	11008	0	1.433	220	1.7	12.255	127.0229	97.0739	DESC_CLAVE
11009	11008	0	1.433	221	1.7	12.371	127.3804	100.5244	DESC_BATEA
11009	11008	0	1.433	222	2	12.789	128.1749	98.1231	BORDE_CANO
11009	11008	0	1.433	223	2	11.449	126.5237	99.2947	BORDE_CANO
11009	11008	0	1.433	224	2	11.431	142.2905	99.5448	BORDE_CANO
11009	11008	0	1.433	225	2	12.828	143.222	98.3504	BORDE_CANO
11009	11008	0	1.433	226	2	12.435	153.2606	99.2816	BORDE_CANO
11009	11008	0	1.433	227	2	13.493	151.2837	98.5937	BORDE_CANO
11009	11008	0	1.433	228	2	14.723	160.2243	98.1047	BORDE_CANO
11009	11008	0	1.433	229	2	17.099	153.462	96.5012	BORDE_CANO
11009	11008	0	1.433	230	2	14.738	169.3727	97.5	BORDE_CANO
11009	11008	0	1.433	11008	1.7	35.281	0	89.524	DELTA
11009	11008	0	1.433	11010	1.7	7.973	222.3428	88.5245	DELTA
11009	11008	0	1.433	231	1.7	13.998	132.0943	97.1446	TERRENO
11009	11008	0	1.433	232	1.7	10.984	130.3156	99.5045	TERRENO
11009	11008	0	1.433	233	1.7	14.615	144.2325	97.285	TERRENO
11009	11008	0	1.433	234	1.7	10.584	146.5042	99.0802	TERRENO
11009	11008	0	1.433	235	1.7	16.337	149.4958	97.0757	TERRENO
11009	11008	0	1.433	236	1.7	9.02	147.3123	97.2549	TERRENO
11009	11008	0	1.433	237	1.7	19.458	146.5221	95.4854	TERRENO
11009	11008	0	1.433	238	1.7	9.511	126.463	97.2723	TERRENO
11009	11008	0	1.433	239	1.7	22.779	147.0841	94.3937	TERRENO
11009	11008	0	1.433	240	1.7	9.066	125.5544	95.1101	TERRENO
11009	11008	0	1.433	241	1.7	22.816	136.1913	90.5817	TERRENO
11009	11008	0	1.433	242	1.7	8.484	146.2537	94.3937	TERRENO
11009	11008	0	1.433	243	1.7	23.961	130.1516	89.0102	TERRENO
11009	11008	0	1.433	244	1.7	19.821	126.3221	89.5632	TERRENO
11009	11008	0	1.433	245	1.7	16.512	125.583	92.1954	TERRENO
11009	11008	0	1.433	246	1.7	7.214	147.4428	90.2706	TERRENO
11009	11008	0	1.433	247	1.7	6.529	119.0542	90.0741	TERRENO
11009	11008	0	1.433	248	1.7	13.422	111.5535	90.5953	TERRENO
11009	11008	0	1.433	249	1.7	9.374	109.0336	90.1326	TERRENO
11009	11008	0	1.433	250	1.7	26.428	0.0001	89.5504	LINEAMIENT
11009	11008	0	1.433	251	1.7	25.789	0.0001	88.4822	LINEAMIENT
11009	11008	0	1.433	252	1.7	24.876	0.0001	88.0124	LINEAMIENT
11009	11008	0	1.433	253	1.7	24.089	0.0001	88.1935	LINEAMIENT
11009	11008	0	1.433	254	1.7	22.084	0.0002	88.5945	LINEAMIENT
11009	11008	0	1.433	255	1.7	22.089	0	88.5945	LINEAMIENT
11009	11008	0	1.433	256	1.7	17.402	0	88.1224	LINEAMIENT
11009	11008	0	1.433	257	1.7	10.429	0	87.4718	LINEAMIENT
11009	11008	0	1.433	258	1.7	3.262	0	83.2508	LINEAMIENT
11010	11009	0	1.45	11009	1.7	7.979	0	87.2109	DELTA
11010	11009	0	1.45	11011	1.7	82.388	227.0041	90.2124	DELTA
11010	11009	0	1.45	259	1.7	21.233	95.3957	96.0712	BORDE_CANO
11010	11009	0	1.45	260	1.7	8.702	113.1837	102.302	BORDE_CANO
11010	11009	0	1.45	261	1.7	17.257	91.4219	96.4023	BORDE_CANO
11010	11009	0	1.45	262	1.7	10.041	147.4403	100.3208	BORDE_CANO
11010	11009	0	1.45	263	1.7	14.751	92.5217	98.3712	BORDE_CANO
11010	11009	0	1.45	264	2.6	15.575	171.5928	94.2314	BORDE_CANO
11010	11009	0	1.45	265	2	11.925	113.4207	97.0442	BORDE_CANO
11010	11009	0	1.45	266	2.6	23.124	189.3331	92.2706	BORDE_CANO
11010	11009	0	1.45	267	2.6	18.448	164.5248	93.5454	BORDE_CANO
11010	11009	0	1.45	268	2.6	23.878	177.2608	93.1151	BORDE_CANO
11010	11009	0	1.45	269	1.7	21.129	201.522	90.3525	TERRENO
11010	11009	0	1.45	270	1.7	22.323	169.2733	91.5718	TERRENO
11010	11009	0	1.45	271	1.7	22.238	170.4047	93.1733	TERRENO
11010	11009	0	1.45	272	1.7	12.821	189.3637	91.0527	TERRENO



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11010	11009	0	1.45	273	1.7	18.163	150.395	93.1612	TERRENO
11010	11009	0	1.45	274	1.7	8.187	165.562	94.1857	TERRENO
11010	11009	0	1.45	275	1.7	17.222	150.4807	95.2154	TERRENO
11010	11009	0	1.45	276	1.7	4.808	109.0307	89.4716	TERRENO
11010	11009	0	1.45	277	1.7	8.626	252.4127	87.1537	MANHOLE
11010	11009	0	1.45	278	1.7	10.699	251.0528	87.541	POSTE
11010	11009	0	1.45	279	1.7	4.215	156.0957	88.1801	ARBOL
11010	11009	0	1.45	280	1.7	7.839	182.0942	88.5141	ARBOL
11010	11009	0	1.45	281	2.5	20.896	242.4517	86.4	CERRAMIENT
11010	11009	0	1.45	282	2.5	21.094	243.4226	85.4727	CERRAMIENT
11010	11009	0	1.45	283	1.7	11.168	196.5529	89.4037	ARBOL
11010	11009	0	1.45	284	2.5	29.068	238.5537	86.5715	CERRAMIENT
11010	11009	0	1.45	285	2.5	29.347	241.4245	86.5715	PARAMENTO
11010	11009	0	1.45	286	1.7	16.454	205.1417	89.464	ARBOL
11010	11009	0	1.45	287	2.5	34.352	239.2053	88.2602	PARAMENTO
11010	11009	0	1.45	288	1.7	26.595	213.0852	90.1846	ARBOL
11010	11009	0	1.45	289	1.7	29.392	216.0312	90.0804	ARBOL
11010	11009	0	1.45	290	1.7	52.178	233.0623	90.0332	POSTE
11010	11009	0	1.45	291	1.7	8.432	204.1827	89.0341	BORDE_VIA
11010	11009	0	1.45	292	1.7	7.944	243.1212	87.2514	BORDE_VIA
11010	11009	0	1.45	293	1.7	51.77	231.0542	90.0707	BORDE_VIA
11010	11009	0	1.45	294	1.7	52.466	225.05	90.1753	BORDE_VIA
11010	11009	0	1.45	295	1.7	52.888	222.1208	90.1753	ARBOL
11010	11009	0	1.45	296	1.7	6.172	0.0001	86.481	LINEAMIENT
11010	11009	0	1.45	297	1.7	2.609	0.0001	83.4215	LINEAMIENT
11011	11010	0	1.467	11010	1.7	82.394	0	89.1759	DELTA
11011	11010	0	1.467	11012	1.7	97.58	183.0923	89.4546	DELTA
11011	11010	0	1.467	298	1.7	21.098	340.2531	87.3613	PARAMENTO
11011	11010	0	1.467	299	1.7	21.13	339.0038	88.1526	PARAMENTO
11011	11010	0	1.467	300	1.7	15.939	331.4522	87.1725	PARAMENTO
11011	11010	0	1.467	301	1.7	16.167	329.3749	87.311	PARAMENTO
11011	11010	0	1.467	302	1.7	10.472	231.4614	87.3847	PARAMENTO
11011	11010	0	1.467	303	1.7	11.334	234.2907	87.2542	PARAMENTO
11011	11010	0	1.467	304	1.7	13.598	221.4648	88.0335	PARAMENTO
11011	11010	0	1.467	305	1.7	37.53	192.5622	88.4443	PARAMENTO
11011	11010	0	1.467	306	1.7	10.338	218.3751	87.3905	POSTE
11011	11010	0	1.467	307	1.7	12.616	334.5351	86.5905	MANHOLE
11011	11010	0	1.467	308	1.7	11.015	349.3237	86.3138	MANHOLE
11011	11010	0	1.467	309	1.7	13.766	326.0616	87.3125	DESC_DOMICI
11011	11010	0	1.467	310	1.7	13.133	323.5735	87.3125	DESC_DOMICI
11011	11010	0	1.467	311	1.7	12.819	325.5318	87.2337	DESC_DOMICI
11011	11010	0	1.467	312	1.7	12.978	324.3353	88.1007	TUBO
11011	11010	0	1.467	313	1.7	12.273	322.3721	88.0646	DESC_CLAVE
11011	11010	0	1.467	314	1.7	12.189	322.2209	90.4333	DESC_BATEA
11011	11010	0	1.467	315	1.7	11.36	323.5859	88.3629	ESTRUCTURA
11011	11010	0	1.467	316	1.7	11.753	321.4353	88.363	ESTRUCTURA
11011	11010	0	1.467	317	1.7	11.03	318.2617	88.363	ESTRUCTURA
11011	11010	0	1.467	318	1.7	13.785	2.4916	88.015	BORDE_VIA
11011	11010	0	1.467	319	1.7	14.269	342.5438	87.5545	BORDE_VIA
11011	11010	0	1.467	320	1.7	9.526	25.3601	91.2948	DESC_CLAVE
11011	11010	0	1.467	321	1.7	9.673	25.5358	93.5002	DESC_BATEA
11011	11010	0	1.467	322	1.7	9.112	20.082	88.5529	TUBO
11011	11010	0	1.467	323	1.7	9.791	28.1913	93.1313	BORDE_CANO
11011	11010	0	1.467	324	1.7	11.348	42.1907	92.3016	BORDE_CANO
11011	11010	0	1.467	325	1.7	14.279	51.4217	93.2355	BORDE_CANO
11011	11010	0	1.467	326	1.7	14.827	43.57	93.3354	BORDE_CANO
11011	11010	0	1.467	327	1.7	27.014	27.2012	92.425	BORDE_CANO
11011	11010	0	1.467	328	1.7	20.934	37.0837	93.2203	BORDE_CANO
11011	11010	0	1.467	329	1.7	26.023	36.3848	91.232	BORDE_CANO



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11011	11010	0	1.467	330	1.7	24.531	21.2546	91.2049	BORDE_CANO
11011	11010	0	1.467	331	1.7	16.889	78.3926	95.124	BORDE_CANO
11011	11010	0	1.467	332	1.7	11.014	13.2853	86.2434	ARBOL
11011	11010	0	1.467	333	1.7	5.355	62.5203	88.0129	ARBOL
11011	11010	0	1.467	334	1.7	21.428	143.0632	93.4256	BORDE_CANO
11011	11010	0	1.467	335	2.6	18.855	147.3417	91.5502	BORDE_CANO
11011	11010	0	1.467	336	1.7	15.421	176.334	88.5645	BORDE_VIA
11011	11010	0	1.467	337	1.7	16.576	196.3928	87.5844	BORDE_VIA
11011	11010	0	1.467	338	1.7	65.869	0	89.1127	LINEAMIENT
11011	11010	0	1.467	339	1.7	45.477	0	89.043	LINEAMIENT
11011	11010	0	1.467	340	1.7	24.273	0	88.4407	LINEAMIENT
11011	11010	0	1.467	341	1.7	13.035	0	87.4902	LINEAMIENT
11011	11010	0	1.467	342	1.7	8.499	0	87.3019	LINEAMIENT
11011	11010	0	1.467	343	1.7	3.898	0	85.1305	LINEAMIENT
11011	11010	0	1.467	344	1.7	7.516	157.2445	88.2121	ARBOL
11011	11010	0	1.467	345	1.7	10.193	54.3155	88.5337	TERRENO
11011	11010	0	1.467	346	1.7	8.415	87.1615	90.0442	TERRENO
11011	11010	0	1.467	347	1.7	8.389	112.0619	90.2727	TERRENO
11011	11010	0	1.467	348	1.7	9.125	139.26	90.2727	TERRENO
11012	11011	0	1.426	11011	1.7	97.589	0	89.5649	DELTA
11012	11011	0	1.426	349	1.7	60.913	353.02	89.2334	PARAMENTO
11012	11011	0	1.426	350	1.7	49.474	351.5631	88.5751	PARAMENTO
11012	11011	0	1.426	351	1.7	49.387	355.2401	89.3052	MANHOLE
11012	11011	0	1.426	352	1.7	57.494	356.052	89.3721	MANHOLE
11012	11011	0	1.426	353	1.7	51.432	354.3746	89.2555	POSTE
11012	11011	0	1.426	354	1.7	50.185	356.454	89.3805	BORDE_VIA
11012	11011	0	1.426	355	1.7	49.508	1.3612	89.4947	BORDE_VIA
11012	11011	0	1.426	356	1.7	43.134	5.2634	89.5524	POSTE
11012	11011	0	1.426	357	1.7	49.506	350.2148	89.0804	PARAMENTO
11012	11011	0	1.426	358	1.7	30.367	345.3335	89.3724	PARAMENTO
11012	11011	0	1.426	359	1.7	31.196	339.0525	89.2117	PARAMENTO
11012	11011	0	1.426	360	1.7	20.497	333.1308	88.444	PARAMENTO
11012	11011	0	1.426	361	1.7	30.039	9.444	90.3044	PARAMENTO
11012	11011	0	1.426	362	1.7	30.216	13.2408	90.3918	PARAMENTO
11012	11011	0	1.426	363	1.7	10.531	323.3319	87.3034	POSTE
11012	11011	0	1.426	364	1.7	11.48	315.5738	87.3035	PARAMENTO
11012	11011	0	1.426	365	1.7	10.551	3.5244	89.0237	BORDE_VIA
11012	11011	0	1.426	366	1.7	11.09	336.4659	87.405	BORDE_VIA
11012	11011	0	1.426	367	1.7	13.859	304.0219	87.2859	PARAMENTO
11012	11011	0	1.426	368	1.7	10.507	258.2014	86.4345	PARAMENTO
11012	11011	0	1.426	369	1.7	9.44	257.4908	86.3151	PARAMENTO
11012	11011	0	1.426	370	1.7	19.514	8.0934	88.084	ARBOL
11012	11011	0	1.426	371	1.7	9.473	18.0802	87.2051	ARBOL
11012	11011	0	1.426	372	1.7	5.896	43.184	89.2955	ARBOL
11012	11011	0	1.426	373	1.7	3.582	110.0316	87.2425	ARBOL
11012	11011	0	1.426	374	1.7	12.026	227.3222	87.4527	PARAMENTO
11012	11011	0	1.426	375	1.7	20.258	204.2541	88.3303	PARAMENTO
11012	11011	0	1.426	376	1.7	19.29	199.1308	88.3754	PARAMENTO
11012	11011	0	1.426	377	1.7	24.139	187.4204	88.5824	MANHOLE
11012	11011	0	1.426	378	1.7	25.564	192.1624	88.5127	PARAMENTO
11012	11011	0	1.426	379	1.7	25.547	188.3141	89.0413	POSTE
11012	11011	0	1.426	380	1.7	26.654	195.1753	88.2321	PARAMENTO
11012	11011	0	1.426	381	1.7	30.387	192.1232	88.3354	PARAMENTO
11012	11011	0	1.426	382	1.7	29.873	187.034	88.3846	PARAMENTO
11012	11011	0	1.426	383	1.7	39.115	182.4553	88.5624	PARAMENTO
11012	11011	0	1.426	11013	1.7	28.833	170.1507	89.5221	DELTA
11012	11011	0	1.426	384	1.7	37.789	176.4929	89.4512	BORDE_VIA
11012	11011	0	1.426	385	1.7	37.052	168.0011	90.0621	BORDE_VIA
11012	11011	0	1.426	386	1.7	23.738	183.3216	89.1458	MANHOLE



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11012	11011	0	1.426	387	1.7	5.125	199.2459	84.3749	MANHOLE
11012	11011	0	1.426	388	1.7	20.812	334.0109	90.3601	CANO
11012	11011	0	1.426	389	1.7	19.882	339.2132	90.421	CANO
11012	11011	0	1.426	390	1.7	19.515	343.1546	90.5036	CANO
11012	11011	0	1.426	391	1.7	18.876	350.3635	89.0232	CANO
11012	11011	0	1.426	392	1.7	18.633	9.02	90.1914	CANO
11012	11011	0	1.426	393	1.7	18.832	13.0235	90.5859	CANO
11012	11011	0	1.426	394	1.7	15.904	9.5023	90.1629	DESC_CLAVE
11012	11011	0	1.426	395	1.7	15.92	9.533	90.4016	DESC_BATEA
11012	11011	0	1.426	396	1.7	15.795	1.1215	89.1055	TUBO
11012	11011	0	1.426	11014	1.7	26.911	13.1841	90.2425	DELTA
11012	11011	0	1.426	397	1.7	10.701	158.1003	88.3308	ESTRUCTURA
11012	11011	0	1.426	398	1.7	9.812	146.2524	88.4236	ESTRUCTURA
11012	11011	0	1.426	399	0.085	5.395	119.0025	105.0759	ESTRUCTURA
11012	11011	0	1.426	400	0.085	4.164	118.4022	109.0603	ESTRUCTURA
11012	11011	0	1.426	401	1.7	6.823	65.4651	105.3719	BORDE_CANO
11012	11011	0	1.426	402	1.7	8.538	123.0338	102.3252	BORDE_CANO
11012	11011	0	1.426	403	1.7	9.041	77.2537	102.1737	BORDE_CANO
11012	11011	0	1.426	404	1.7	15.512	145.203	97.0143	BORDE_CANO
11012	11011	0	1.426	405	1.7	11.234	122.2534	99.5515	BORDE_CANO
11012	11011	0	1.426	406	1.7	22.694	151.5712	94.4107	BORDE_CANO
11012	11011	0	1.426	407	1.7	23.246	144.4811	94.5105	BORDE_CANO
11012	11011	0	1.426	408	1.7	29.323	153.5748	93.4312	BORDE_CANO
11012	11011	0	1.426	409	1.7	30.851	148.4754	93.3651	BORDE_CANO
11012	11011	0	1.426	410	1.7	30.856	148.4924	93.3507	BORDE_CANO
11012	11011	0	1.426	411	1.7	36.392	155.3513	93.1015	BORDE_CANO
11012	11011	0	1.426	412	1.7	37.679	152.0349	92.5547	BORDE_CANO
11012	11011	0	1.426	413	1.7	36.873	160.5034	91.5429	TERRENO
11012	11011	0	1.426	414	1.7	36.515	148.454	91.5429	TERRENO
11012	11011	0	1.426	415	1.7	24.144	159.0817	91.0112	TERRENO
11012	11011	0	1.426	416	1.7	26.612	141.0602	93.001	TERRENO
11012	11011	0	1.426	417	1.7	20.837	135.3038	92.5458	DES_DOMICI
11012	11011	0	1.426	418	1.7	19.503	133.3653	93.0935	DES_DOMICI
11012	11011	0	1.426	419	1.7	18.451	133.3228	94.0348	DES_DOMICI
11012	11011	0	1.426	420	1.7	15.682	125.0129	94.3855	TERRENO
11012	11011	0	1.426	421	1.7	17.836	159.1139	90.4632	TERRENO
11012	11011	0	1.426	422	1.7	89.351	0	89.5418	LINEAMIENT
11012	11011	0	1.426	423	1.7	71.137	0	89.4523	LINEAMIENT
11012	11011	0	1.426	424	1.7	52.851	0	89.4003	LINEAMIENT
11012	11011	0	1.426	425	1.7	35.79	0	89.5344	LINEAMIENT
11012	11011	0	1.426	426	1.7	23.318	0	89.1651	LINEAMIENT
11012	11011	0	1.426	427	1.7	7.032	0	88.2947	LINEAMIENT
11014	11012	0	1.439	11012	1.7	26.934	0	88.2719	DELTA
11014	11012	0	1.439	428	1.7	7.223	230.5637	101.3213	BORDE_CANO
11014	11012	0	1.439	429	1.7	5.373	299.5522	105.3541	BORDE_CANO
11014	11012	0	1.439	430	1.7	7.735	329.4748	99.4235	BORDE_CANO
11014	11012	0	1.439	431	1.7	5.784	336.4123	98.154	TERRENO
11014	11012	0	1.439	432	1.7	3.204	321.5411	95.4059	TERRENO
11014	11012	0	1.439	433	1.7	3.598	219.2955	95.5829	TERRENO
11014	11012	0	1.439	434	1.7	3.928	204.0923	91.5357	PARAMENTO
11014	11012	0	1.439	435	1.7	3.941	140.1413	81.5436	PARAMENTO
11014	11012	0	1.439	436	1.7	3.706	134.154	83.5534	TERRENO
11014	11012	0	1.439	437	1.7	2.246	73.3317	72.3936	TERRENO
11014	11012	0	1.439	438	1.7	3.518	13.3859	84.4546	TERRENO
11014	11012	0	1.439	439	1.7	20.025	331.1913	89.282	DES_DOMICI
11014	11012	0	1.439	440	1.7	15.101	334.2801	95.3516	BORDE_CANO
11014	11012	0	1.439	441	1.7	16.213	327.1348	92.0741	TERRENO
11014	11012	0	1.439	442	0.085	20.466	327.0625	93.2829	DES_DOMICI
11014	11012	0	1.439	443	1.7	14.401	317.3514	91.3213	LINDERO



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11014	11012	0	1.439	444	1.7	12.279	312.5959	93.4717	TERRENO
11014	11012	0	1.439	445	1.7	10.466	318.5535	97.2555	BORDE_CANO
11014	11012	0	1.439	446	1.7	8.702	250.5436	98.4528	BORDE_CANO
11014	11012	0	1.439	447	1.7	10.14	252.075	95.1221	TERRENO
11014	11012	0	1.439	448	1.7	12.144	253.4821	88.4014	LINDERO
11014	11012	0	1.439	449	1.7	14.961	220.3159	95.282	BORDE_CANO
11014	11012	0	1.439	450	1.7	17.602	227.1123	90.2723	LINDERO
11014	11012	0	1.439	451	1.7	15.789	226.0934	91.1846	TERRENO
11014	11012	0	1.439	452	1.7	15.978	223.2834	89.2301	ESTRUCTURA
11014	11012	0	1.439	453	1.7	15.982	223.4656	89.1731	ESTRUCTURA
11014	11012	0	1.439	454	1.7	17.344	222.0847	89.2331	ESTRUCTURA
11014	11012	0	1.439	455	1.7	17.418	222.4226	89.2331	ESTRUCTURA
11014	11012	0	1.439	456	1.7	17.73	220.1222	89.2331	ESTRUCTURA
11014	11012	0	1.439	457	1.7	17.864	220.2035	89.2331	ESTRUCTURA
11014	11012	0	1.439	458	1.7	17.683	218.5358	89.2331	ESTRUCTURA
11014	11012	0	1.439	459	1.7	17.809	218.5358	89.2331	ESTRUCTURA
11014	11012	0	1.439	460	1.7	17.825	218.3942	90.1342	ESTRUCTURA
11014	11012	0	1.439	461	1.7	17.607	214.1453	90.1342	ESTRUCTURA
11014	11012	0	1.439	462	1.7	22.452	211.4409	90.1342	ESTRUCTURA
11014	11012	0	1.439	463	1.7	23.071	215.2643	90.2218	ESTRUCTURA
11014	11012	0	1.439	464	1.7	15.998	223.0728	94.0904	ESTRUCTURA
11014	11012	0	1.439	465	1.7	17.431	221.5946	95.0114	ESTRUCTURA
11014	11012	0	1.439	466	1.7	17.751	219.5824	95.0114	ESTRUCTURA
11014	11012	0	1.439	467	1.7	17.585	214.1232	94.2848	ESTRUCTURA
11014	11012	0	1.439	468	1.7	17.581	220.4943	93.2719	DESC_CLAVE
11014	11012	0	1.439	469	1.7	17.56	220.4427	95.0129	DESC_BATEA
11014	11012	0	1.439	470	1.7	18.683	222.5213	90.1855	TUBO
11014	11012	0	1.439	471	1.7	8.254	223.0634	99.4625	BORDE_CANO
11014	11012	0	1.439	472	1.7	9.733	216.5353	90.1911	DES_DOMICI
11014	11012	0	1.439	473	0.085	10.159	217.193	99.3548	DES_DOMICI
11014	11012	0	1.439	474	1.7	9.103	210.5952	89.121	DES_DOMICI
11014	11012	0	1.439	475	1.7	7.266	208.2754	93.3631	TERRENO
11013	11012	0	1.473	11012	1.7	28.848	0	89.0828	DELTA
11013	11012	0	1.473	476	1.7	7.253	51.3259	95.3427	DES_DOMICI
11013	11012	0	1.473	477	1.7	6.947	49.0929	94.1622	DES_DOMICI
11013	11012	0	1.473	478	1.7	30.406	25.1742	91.1421	LINDERO
11013	11012	0	1.473	479	1.7	27.26	27.5101	91.104	LINDERO
11013	11012	0	1.473	480	1.7	27.129	29.2921	90.2755	LINDERO
11013	11012	0	1.473	481	1.7	20	42.11	92.1126	PARAMENTO
11013	11012	0	1.473	482	1.7	20.074	42.1115	92.0015	DES_DOMICI
11013	11012	0	1.473	483	1.7	15.898	69.3352	91.4157	PARAMENTO
11013	11012	0	1.473	484	1.7	17.499	120.5012	91.173	PARAMENTO
11013	11012	0	1.473	485	1.7	18.134	123.2631	91.5146	PARAMENTO
11013	11012	0	1.473	486	1.7	12.884	143.1739	88.5033	PUENTE
11013	11012	0	1.473	487	1.7	13.531	143.4949	88.5032	PUENTE
11013	11012	0	1.473	488	1.7	10.85	155.0456	90.2049	PUENTE
11013	11012	0	1.473	489	1.7	13.444	156.2046	90.31	PUENTE
11013	11012	0	1.473	490	1.7	14.399	161.0233	89.4154	ARBOL
11013	11012	0	1.473	491	1.7	9.928	151.3823	89.2349	ARBOL
11013	11012	0	1.473	11015	1.7	55.294	173.0636	89.3709	DELTA
11013	11012	0	1.473	492	1.7	7.825	151.1248	89.2728	POSTE
11013	11012	0	1.473	493	2	30.367	188.5852	88.3128	POSTE
11013	11012	0	1.473	494	2	30.905	192.3321	88.0021	PARAMENTO
11013	11012	0	1.473	495	2	38.362	211.3845	87.435	PARAMENTO
11013	11012	0	1.473	496	1.7	28.488	181.3026	89.3229	BORDE_VIA
11013	11012	0	1.473	497	1.5	28.029	172.0705	90.1022	BORDE_VIA
11013	11012	0	1.473	498	2.4	14.23	227.5603	82.5854	PARAMENTO
11013	11012	0	1.473	499	1.7	21.879	0	89.1338	LINEAMIENT
11013	11012	0	1.473	500	1.7	8.333	0.0001	88.144	LINEAMIENT



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11015	11013	0	1.452	11013	1.7	55.296	0	89.5326 DELTA
11015	11013	0	1.452	11016	1.7	65.426	167.2941	90.0307 DELTA
11015	11013	0	1.452	501	1.7	8.389	301.4316	87.4837 PARAMENTO
11015	11013	0	1.452	502	1.7	18.62	327.335	87.5207 PARAMENTO
11015	11013	0	1.452	503	1.7	21.688	315.4834	88.1013 PARAMENTO
11015	11013	0	1.452	504	1.7	14.248	339.4548	88.442 BORDE_VIA
11015	11013	0	1.452	505	1.7	13.312	2.3854	88.0755 BORDE_VIA
11015	11013	0	1.452	506	1.7	11.624	301.5055	88.2724 BORDE_VIA
11015	11013	0	1.452	507	1.7	7.45	316.1004	87.294 BORDE_VIA
11015	11013	0	1.452	508	1.7	18.114	6.5648	89.043 ARBOL
11015	11013	0	1.452	509	1.7	3.483	246.5751	86.1523 BORDE_VIA
11015	11013	0	1.452	510	1.7	4.772	244.543	86.4649 POSTE
11015	11013	0	1.452	511	1.7	6.478	249.2342	86.3552 PARAMENTO
11015	11013	0	1.452	512	1.7	14.753	16.0349	90.1158 ESTRUCTURA
11015	11013	0	1.452	513	1.7	13.726	22.1933	88.0607 ESTRUCTURA
11015	11013	0	1.452	514	1.7	13.659	21.0619	88.005 ESTRUCTURA
11015	11013	0	1.452	515	1.7	13.634	21.1344	85.1031 ESTRUCTURA
11015	11013	0	1.452	516	1.7	13.315	22.0938	85.0159 ESTRUCTURA
11015	11013	0	1.452	517	1.7	13.263	22.2014	85.534 ESTRUCTURA
11015	11013	0	1.452	518	1.7	8.658	55.3003	83.4713 ESTRUCTURA
11015	11013	0	1.452	519	1.7	8.684	55.5741	82.2737 ESTRUCTURA
11015	11013	0	1.452	520	1.7	8.568	58.0528	82.1524 ESTRUCTURA
11015	11013	0	1.452	521	1.7	8.519	58.3949	84.4904 ESTRUCTURA
11015	11013	0	1.452	522	1.7	8.787	60.1928	85.2252 ESTRUCTURA
11015	11013	0	1.452	523	1.7	8.732	60.2355	87.1213 ESTRUCTURA
11015	11013	0	1.452	524	1.7	7.808	64.5652	88.3119 ESTRUCTURA
11015	11013	0	1.452	525	2	21.416	50.4406	89.1534 ESTRUCTURA
11015	11013	0	1.452	526	2	21.567	50.5213	89.1534 ESTRUCTURA
11015	11013	0	1.452	527	2	20.778	55.1753	87.5307 ESTRUCTURA
11015	11013	0	1.452	528	2	20.96	55.5258	87.5307 ESTRUCTURA
11015	11013	0	1.452	529	2	20.916	57.1932	85.5639 ESTRUCTURA
11015	11013	0	1.452	530	2	21.056	56.2943	86.0202 ESTRUCTURA
11015	11013	0	1.452	531	1.5	20.049	78.4751	87.5354 ESTRUCTURA
11015	11013	0	1.452	532	1.5	20.036	78.5716	87.2153 ESTRUCTURA
11015	11013	0	1.452	533	1.5	20.097	80.0002	87.2005 ESTRUCTURA
11015	11013	0	1.452	534	1.5	20.869	57.3016	87.5344 ESTRUCTURA
11015	11013	0	1.452	535	1.7	9.695	76.415	91.4436 DES_DOMICI
11015	11013	0	1.452	536	1.7	10.318	77.4956	92.094 DES_DOMICI
11015	11013	0	1.452	537	1.7	10.458	74.352	97.1256 CANO
11015	11013	0	1.452	538	1.7	10.981	76.5247	96.2947 CANO
11015	11013	0	1.452	539	1.7	17.659	86.3108	95.1054 BORDE_CANO
11015	11013	0	1.452	540	1.7	19.573	96.2452	95.1021 BORDE_CANO
11015	11013	0	1.452	541	1.7	14.57	81.1648	97.3814 BORDE_CANO
11015	11013	0	1.452	542	1.7	24.469	96.1955	93.0634 DES_DOMICI
11015	11013	0	1.452	543	1.7	24.463	96.2729	93.1252 DES_DOMICI
11015	11013	0	1.452	544	1.7	24.403	96.2336	94.1546 DES_DOMICI
11015	11013	0	1.452	545	1.7	25.177	96.135	91.5713 DES_DOMICI
11015	11013	0	1.452	546	1.7	23.812	87.5826	90.5619 TERRENO
11015	11013	0	1.452	547	1.7	16.412	97.4521	95.0228 BORDE_CANO
11015	11013	0	1.452	548	1.7	13.839	101.2143	90.1619 TERRENO
11015	11013	0	1.452	549	1.7	11.28	92.1412	90.1619 TERRENO
11015	11013	0	1.452	550	1.7	8.568	77.2832	89.0213 TERRENO
11015	11013	0	1.452	551	1.7	7.689	110.213	88.4449 POSTE
11015	11013	0	1.452	552	1.7	8.436	116.3202	89.0054 PARAMENTO
11015	11013	0	1.452	553	1.7	16.529	151.3212	90.3612 PARAMENTO
11015	11013	0	1.452	554	1.7	21.873	191.1046	89.4824 PARAMENTO
11015	11013	0	1.452	555	1.7	14.263	200.1646	89.0056 PARAMENTO
11015	11013	0	1.452	556	1.7	13.524	209.1827	88.562 PARAMENTO
11015	11013	0	1.452	557	1.7	8.092	242.3233	87.0303 PARAMENTO



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11015	11013	0	1.452	558	1.7	23.168	153.14	92.0628	DES_DOMICI
11015	11013	0	1.452	559	1.7	22.078	161.1046	91.0208	DES_DOMICI
11015	11013	0	1.452	560	1.7	19.673	166.3253	90.3011	BORDE_VIA
11015	11013	0	1.452	561	1.7	19.678	182.0627	89.492	BORDE_VIA
11015	11013	0	1.452	562	1.7	7.431	47.1714	84.2828	BORDE_VIA
11015	11013	0	1.452	563	1.7	3.938	81.0908	86.1541	BORDE_VIA
11015	11013	0	1.452	564	1.7	10.212	337.54	87.0607	MANHOLE
11015	11013	0	1.452	565	1.7	41.881	0	90.0708	LINEAMIENT
11015	11013	0	1.452	566	1.7	34.883	0	90.1644	LINEAMIENT
11015	11013	0	1.452	567	1.7	25.409	0	89.4733	LINEAMIENT
11015	11013	0	1.452	568	1.7	15.642	0	88.501	LINEAMIENT
11015	11013	0	1.452	569	1.7	12.604	0	88.0146	LINEAMIENT
11015	11013	0	1.452	570	1.7	5.082	0	85.2621	LINEAMIENT
11015	11013	0	1.438	11013	1.7	55.303	0	89.5247	DELTA
11015	11013	0	1.438	11016	1.7	65.443	167.2956	90.0125	DELTA
11015	11013	0	1.438	571	1.7	14.039	104.4034	90.0126	PARAMENTO
11015	11013	0	1.438	572	2	10.307	76.0401	95.2816	TUBO
11015	11013	0	1.438	573	2	10.422	76.2702	95.4118	DESC_CLAVE
11015	11013	0	1.438	574	2	10.58	76.1524	97.5504	DESC_BATEA
11015	11013	0	1.438	575	2	10.861	74.5856	97.0126	BORDE_CANO
11015	11013	0	1.438	576	2	10.648	77.3935	98.065	BORDE_CANO
11015	11013	0	1.438	577	2	12.182	78.312	97.2728	BORDE_CANO
11015	11013	0	1.438	578	2	12.141	80.2853	97.2728	BORDE_CANO
11015	11013	0	1.438	579	2	13.924	78.1134	96.4302	BORDE_CANO
11015	11013	0	1.438	580	2	14.246	81.5701	96.3427	BORDE_CANO
11016	11015	0	1.474	11015	1.7	65.444	0	89.3231	DELTA
11016	11015	0	1.474	11017	1.7	49.341	172.4552	89.4532	DELTA
11016	11015	0	1.474	581	1.7	12.213	132.3105	88.1043	PARAMENTO
11016	11015	0	1.474	582	1.7	20.538	108.5919	91.3804	PARAMENTO
11016	11015	0	1.474	583	1.7	35.134	349.1635	89.0942	PARAMENTO
11016	11015	0	1.474	584	1.7	30.671	349.4356	89.284	POSTE
11016	11015	0	1.474	585	1.7	23.044	341.4816	89.1439	PARAMENTO
11016	11015	0	1.474	586	1.7	14.606	326.3831	85.542	PARAMENTO
11016	11015	0	1.474	587	1.7	12.802	337.2755	87.105	PARAMENTO
11016	11015	0	1.474	588	1.7	5.345	287.5918	82.5711	PARAMENTO
11016	11015	0	1.474	589	1.7	5.979	286.1557	83.463	PARAMENTO
11016	11015	0	1.474	590	1.7	11.567	209.5325	87.4818	PARAMENTO
11016	11015	0	1.474	591	1.7	11.01	201.4238	88.0226	PARAMENTO
11016	11015	0	1.474	592	1.7	18.937	191.0555	88.4751	PARAMENTO
11016	11015	0	1.474	593	1.7	18.689	183.2501	89.0742	PARAMENTO
11016	11015	0	1.474	594	1.7	23.145	182.1715	89.1612	PARAMENTO
11016	11015	0	1.474	595	1.7	34.973	182.0316	89.2313	PARAMENTO
11016	11015	0	1.474	596	1.7	24.197	157.3349	88.3606	POSTE
11016	11015	0	1.474	597	1.7	48.039	176.0136	89.3013	POSTE
11016	11015	0	1.474	598	1.7	45.206	175.3657	89.3533	MANHOLE
11016	11015	0	1.474	599	1.7	45.84	165.4746	89.3802	MANHOLE
11016	11015	0	1.474	600	1.7	45.644	170.3537	89.3934	MANHOLE
11016	11015	0	1.474	601	1.7	38.962	174.1908	89.3804	BORDE_VIA
11016	11015	0	1.474	602	1.7	38.693	165.2655	89.335	BORDE_VIA
11016	11015	0	1.474	603	1.7	13.332	180.302	87.5914	MANHOLE
11016	11015	0	1.474	604	1.7	43.96	161.4427	89.21	PARAMENTO
11016	11015	0	1.474	605	1.7	12.091	181.1653	88.2655	POSTE
11016	11015	0	1.474	606	1.7	9.852	135.5512	87.4202	MANHOLE
11016	11015	0	1.474	607	1.7	11.304	64.4123	92.1031	ARBOL
11016	11015	0	1.474	608	1.7	25.518	105.4912	93.5758	BORDE_CANO
11016	11015	0	1.474	609	1.7	21.461	98.5641	94.1804	BORDE_CANO
11016	11015	0	1.474	610	1.7	17.621	93.4634	95.2355	BORDE_CANO
11016	11015	0	1.474	611	1.7	14.539	76.1529	96.1827	BORDE_CANO
11016	11015	0	1.474	612	1.7	13.929	59.1112	96.543	BORDE_CANO



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11016	11015	0	1.474	613	1.7	18.56	33.2317	95.0005	BORDE_CANO
11016	11015	0	1.474	614	1.7	24.789	22.2944	93.1831	BORDE_CANO
11016	11015	0	1.474	615	1.7	31.46	13.4556	92.502	BORDE_CANO
11016	11015	0	1.474	616	1.7	35.898	12.2833	92.3443	BORDE_CANO
11016	11015	0	1.474	617	2.6	36.778	10.0915	89.3947	DES_DOMICI
11016	11015	0	1.474	618	2.6	36.834	8.0548	89.3948	DES_DOMICI
11016	11015	0	1.474	619	1.7	41.587	8.0445	90.4841	TERRENO
11016	11015	0	1.474	620	1.7	38.176	5.0103	90.2851	TERRENO
11016	11015	0	1.474	621	1.7	32.814	7.2607	90.3857	TERRENO
11016	11015	0	1.474	622	1.7	28.688	9.1148	91.1255	TERRENO
11016	11015	0	1.474	623	1.7	18.603	105.3543	92.0753	TERRENO
11016	11015	0	1.474	624	1.7	12.806	98.4352	91.5806	TERRENO
11016	11015	0	1.474	625	1.7	20.422	17.3208	91.005	TERRENO
11016	11015	0	1.474	626	1.7	10.792	54.1706	93.1229	TERRENO
11016	11015	0	1.474	627	1.7	14.946	25.4415	91.48	TERRENO
11016	11015	0	1.474	628	1.7	12.874	34.4213	92.1605	ARBOL
11016	11015	0	1.474	629	1.7	23.056	16.1849	90.4729	ARBOL
11016	11015	0	1.474	630	1.7	15.194	6.4454	88.5744	MANHOLE
11016	11015	0	1.474	631	1.7	15.727	342.4154	88.1824	MANHOLE
11016	11015	0	1.474	632	1.7	30.733	10.0054	91.2807	ARBOL
11016	11015	0	1.474	633	1.7	49.708	12.1224	90.4442	PARAMENTO
11016	11015	0	1.474	634	1.7	53.309	14.5346	90.3633	PARAMENTO
11016	11015	0	1.474	635	0.085	53.22	12.1407	91.2845	PARAMENTO
11016	11015	0	1.474	636	1.7	52.556	15.2409	90.2657	DES_DOMICI
11016	11015	0	1.474	637	1.7	52.962	13.0418	89.4524	DES_DOMICI
11016	11015	0	1.474	638	1.7	24.196	157.3419	88.4137	POSTE
11016	11015	0	1.474	639	2.9	47.148	21.0041	89.5933	DES_DOMICI
11016	11015	0	1.474	640	2	45.679	20.0317	91.2904	BORDE_CANO
11016	11015	0	1.474	641	2	44.065	20.4138	90.4749	TERRENO
11016	11015	0	1.474	642	2	39.355	18.0031	91.4336	BORDE_CANO
11016	11015	0	1.474	643	2	39.71	20.2316	90.5442	TERRENO
11016	11015	0	1.474	644	2	34.19	17.2038	92.1617	BORDE_CANO
11016	11015	0	1.474	645	2	34.759	21.2154	91.2926	TERRENO
11016	11015	0	1.474	646	2	26.781	27.012	93.0611	BORDE_CANO
11016	11015	0	1.474	647	2	28.055	29.5301	91.3507	TERRENO
11016	11015	0	1.474	648	2	20.366	42.1436	94.0128	BORDE_CANO
11016	11015	0	1.474	649	2	21.879	44.4503	92.0119	TERRENO
11016	11015	0	1.474	650	2	17.392	58.082	94.5602	BORDE_CANO
11016	11015	0	1.474	651	2	19.174	59.0841	91.5202	TERRENO
11016	11015	0	1.474	652	2	16.863	75.1847	94.4323	BORDE_CANO
11016	11015	0	1.474	653	2	18.98	74.4326	93.1051	TERRENO
11016	11015	0	1.474	654	2	18.842	86.3059	94.0444	BORDE_CANO
11016	11015	0	1.474	655	2	20.953	85.1709	93.2954	TERRENO
11016	11015	0	1.474	656	2	23.66	97.2456	93.4844	BORDE_CANO
11016	11015	0	1.474	657	2	24.719	94.2703	92.4107	TERRENO
11016	11015	0	1.474	658	1.7	54.829	0	89.3958	LINEAMIENT
11016	11015	0	1.474	659	1.7	47.655	0	90.051	LINEAMIENT
11016	11015	0	1.474	660	1.7	39.928	0	90.051	LINEAMIENT
11016	11015	0	1.474	661	1.7	28.863	0.0001	89.4832	LINEAMIENT
11016	11015	0	1.474	662	1.7	16.594	0	89.2131	LINEAMIENT
11016	11015	0	1.474	663	1.7	5.427	0.0001	88.1118	LINEAMIENT
11017	11016	0	1.456	11016	1.7	49.341	0	89.4205	DELTA
11017	11016	0	1.456	11018	1.7	60.349	166.0818	89.5015	DELTA
11017	11016	0	1.456	664	1.7	60.982	172.2636	89.5154	BORDE_VIA
11017	11016	0	1.456	665	1.7	60.4	165.1429	89.5154	BORDE_VIA
11017	11016	0	1.456	666	1.7	29.296	175.2747	89.5723	BORDE_VIA
11017	11016	0	1.456	667	1.7	29.597	165.2237	90.1514	BORDE_VIA
11017	11016	0	1.456	668	1.7	29.1	176.5453	89.5025	POSTE
11017	11016	0	1.456	669	1.7	32.64	161.0908	89.555	PARAMENTO



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11017	11016	0	1.456	670	1.7	30.5	177.1951	89.4448	MANHOLE
11017	11016	0	1.456	671	1.7	25.337	160.2715	89.4448	MANHOLE
11017	11016	0	1.456	672	1.7	25.836	156.4043	89.4448	PARAMENTO
11017	11016	0	1.456	673	1.7	31.364	0.0001	89.2558	LINEAMIENT
11017	11016	0	1.456	674	1.7	12.123	0	88.2212	LINEAMIENT
11017	11016	0	1.456	675	1.7	3.683	0	86.1848	LINEAMIENT
11018	11017	0	1.44	11017	1.7	60.348	0	89.3959	DELTA
11018	11017	0	1.44	11020	1.7	16.647	10.5626	90.0828	DELTA
11018	11017	0	1.44	11019	1.7	96.048	172.2218	89.5815	DELTA
11018	11017	0	1.44	11021	1.7	34.813	283.1925	89.2846	DELTA
11018	11017	0	1.44	676	1.7	7.506	31.5159	89.1236	PARAMENTO
11018	11017	0	1.44	677	1.7	5.801	141.1423	89.2407	PARAMENTO
11018	11017	0	1.44	678	1.7	9.088	157.2226	89.0636	POSTE
11018	11017	0	1.44	679	1.7	9.472	292.1602	87.1036	PARAMENTO
11018	11017	0	1.44	680	1.7	14.298	286.4216	88.3928	PARAMENTO
11018	11017	0	1.44	681	1.7	15.41	259.1423	89.2116	SUMIDERO
11018	11017	0	1.44	682	1.7	14.484	259.2251	89.1134	SUMIDERO
11018	11017	0	1.44	683	1.7	9.659	282.3858	90.1054	CAJA
11018	11017	0	1.44	684	1.7	8.956	278.1326	90.0017	CAJA
11018	11017	0	1.44	685	1.7	8.964	283.0409	90.1011	CAJA
11018	11017	0	1.44	686	1.7	6.617	188.1729	86.2106	MANHOLE
11018	11017	0	1.44	687	1.7	10.313	217.0021	87.0459	PARAMENTO
11018	11017	0	1.44	688	1.7	10.412	208.3616	87.0459	POSTE
11018	11017	0	1.44	689	1.7	9.751	166.1825	88.0511	BORDE_VIA
11018	11017	0	1.44	690	1.7	10.555	199.4241	88.1016	BORDE_VIA
11018	11017	0	1.44	691	1.7	9.152	212.392	87.5743	BORDE_VIA
11018	11017	0	1.44	692	1.7	9.711	229.185	88.0751	BORDE_VIA
11018	11017	0	1.44	693	1.7	13.948	259.144	88.5835	BORDE_VIA
11018	11017	0	1.44	694	1.7	11.489	278.5147	88.3416	BORDE_VIA
11018	11017	0	1.44	695	1.7	58.088	179.1004	89.4404	POSTE
11018	11017	0	1.44	696	1.7	57.92	177.5633	89.455	BORDE_VIA
11018	11017	0	1.44	697	1.7	57.089	172.5124	89.4901	BORDE_VIA
11018	11017	0	1.44	698	1.7	11.188	143.2552	87.3314	PARAMENTO
11018	11017	0	1.44	699	1.7	19.354	161.1045	88.534	PARAMENTO
11018	11017	0	1.44	700	1.7	37.952	168.2453	89.5032	PARAMENTO
11018	11017	0	1.44	701	1.7	25.621	164.5339	89.152	PARAMENTO
11018	11017	0	1.44	702	1.7	25.569	163.4509	89.2403	PARAMENTO
11018	11017	0	1.44	703	1.7	9.78	15.2341	91.2402	CAJA
11018	11017	0	1.44	704	1.7	9.38	11.2646	91.2403	CAJA
11018	11017	0	1.44	705	1.7	8.812	13.392	91.3453	CAJA
11018	11017	0	1.44	706	1.7	49.459	0	89.3939	LINEAMIENT
11018	11017	0	1.44	707	1.7	29.787	0	90.0223	LINEAMIENT
11018	11017	0	1.44	708	1.7	17.823	0	90.4751	LINEAMIENT
11018	11017	0	1.44	709	1.7	7.173	0	92.1448	LINEAMIENT
11018	11017	0	1.44	710	1.7	5.099	0	91.2757	LINEAMIENT
11018	11017	0	1.44	711	1.7	1.775	0	85.0244	LINEAMIENT
11020	11018	0	1.408	11018	1.7	16.65	0	87.5814	DELTA
11020	11018	0	1.408	712	1.7	13.505	307.1639	90.1806	PARAMENTO
11020	11018	0	1.408	713	1.7	10.245	308.2545	88.5458	PUENTE
11020	11018	0	1.408	714	1.7	10.119	308.5938	88.5458	PUENTE
11020	11018	0	1.408	715	1.7	9.751	299.5827	88.4437	PUENTE
11020	11018	0	1.408	716	1.7	9.574	300.0308	88.4437	PUENTE
11020	11018	0	1.408	717	1.7	8.782	298.5808	88.3933	PUENTE
11020	11018	0	1.408	718	1.7	8.627	298.5046	88.3933	PUENTE
11020	11018	0	1.408	719	1.7	7.434	308.3756	89.1017	PUENTE
11020	11018	0	1.408	720	1.7	7.554	309.0903	88.5853	PUENTE
11020	11018	0	1.408	721	1.7	12.728	258.251	90.3707	PUENTE
11020	11018	0	1.408	722	1.7	12.798	259.0518	90.3707	PUENTE
11020	11018	0	1.408	723	1.7	13.459	262.1508	90.3707	PUENTE



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11020	11018	0	1.408	724	1.7	13.316	261.4821	90.3707	PUENTE
11020	11018	0	1.408	725	1.7	30.778	299.4314	92.2349	BORDE_CANO
11020	11018	0	1.408	726	1.7	28.282	302.5305	92.5314	BORDE_CANO
11020	11018	0	1.408	727	2.3	26.952	288.5323	89.0132	DES_DOMICI
11020	11018	0	1.408	728	2.3	26.893	289.0554	89.1542	DES_DOMICI
11020	11018	0	1.408	729	1.7	28.041	286.3858	89.2848	DES_DOMICI
11020	11018	0	1.408	730	1.7	23.051	296.2242	93.3224	BORDE_CANO
11020	11018	0	1.408	731	1.7	23.532	287.3157	93.3634	BORDE_CANO
11020	11018	0	1.408	732	1.7	17.4	294.5331	92.0453	DES_DOMICI
11020	11018	0	1.408	733	1.7	17.597	294.2034	92.0953	DES_DOMICI
11020	11018	0	1.408	734	1.7	16.818	294.265	92.2634	DES_DOMICI
11020	11018	0	1.408	735	1.7	16.292	296.1032	92.2634	DES_DOMICI
11020	11018	0	1.408	736	1.7	16.997	293.5314	92.2634	DES_DOMICI
11020	11018	0	1.408	737	1.7	15.658	296.2101	92.3233	DES_DOMICI
11020	11018	0	1.408	738	1.7	20.322	275.0901	91.0527	DES_DOMICI
11020	11018	0	1.408	739	1.7	20.042	275.3903	91.1828	DESC_CLAVE
11020	11018	0	1.408	740	1.7	20.117	275.3414	92.5811	DESC_BATEA
11020	11018	0	1.408	741	1.7	14.225	285.3603	96.0412	BORDE_CANO
11020	11018	0	1.408	742	1.7	13.533	292.4208	95.0157	BORDE_CANO
11020	11018	0	1.408	743	1.7	9.179	264.3215	97.4137	BORDE_CANO
11020	11018	0	1.408	744	1.7	7.108	280.133	99.3459	BORDE_CANO
11020	11018	0	1.408	745	1.7	9.191	244.2911	97.524	BORDE_CANO
11020	11018	0	1.408	746	1.7	5.696	278.2102	101.2509	DESC_CLAVE
11020	11018	0	1.408	747	1.7	5.963	276.5456	104.343	DESC_BATEA
11020	11018	0	1.408	748	1.7	5.356	284.2831	98.1603	DES_DOMICI
11020	11018	0	1.408	749	1.7	5.351	264.5739	103.0304	BORDE_CANO
11020	11018	0	1.408	750	1.7	4.925	241.5959	104.082	BORDE_CANO
11020	11018	0	1.408	751	1.7	11.006	230.4629	96.4403	BORDE_CANO
11020	11018	0	1.408	752	1.7	15.484	221.5553	95.0845	BORDE_CANO
11020	11018	0	1.408	753	1.7	7.338	174.1804	86.5041	ARBOL
11020	11018	0	1.408	754	1.7	19.546	219.0804	94.1906	BORDE_CANO
11020	11018	0	1.408	755	1.7	25.752	213.122	93.063	BORDE_CANO
11020	11018	0	1.408	756	1.7	30.564	208.0202	92.1916	BORDE_CANO
11020	11018	0	1.408	757	1.7	31.155	207.5303	91.1244	DESC_CLAVE
11020	11018	0	1.408	758	1.7	31.17	207.4848	91.2948	DESC_BATEA
11020	11018	0	1.408	759	1.7	31.875	209.2003	90.3919	DES_DOMICI
11020	11018	0	1.408	760	1.7	31.706	201.0642	90.2213	DES_DOMICI
11020	11018	0	1.408	761	1.7	31.593	199.4638	90.1003	DES_DOMICI
11020	11018	0	1.408	762	0.085	34.346	206.5635	93.1734	DESCAR
11020	11018	0	1.408	763	0.085	33.988	206.202	93.2803	DESC_CLAVE
11020	11018	0	1.408	764	1.7	33.933	206.2125	91.3133	DESC_BATEA
11020	11018	0	1.408	765	1.7	33.738	205.0359	92.0105	BORDE_CANO
11020	11018	0	1.408	766	1.7	12.329	185.0637	90.363	DES_DOMICI
11020	11018	0	1.408	767	1.7	12.6	183.3449	90.2901	DES_DOMICI
11020	11018	0	1.408	768	1.7	21.044	204.4601	92.5051	BORDE_CANO
11020	11018	0	1.408	769	1.7	8.954	209.4918	99.0754	BORDE_CANO
11020	11018	0	1.408	770	1.7	25.689	204.2553	92.4337	BORDE_CANO
11021	11018	0	1.435	11018	1.7	34.825	0	89.3933	DELTA
11021	11018	0	1.435	11022	1.7	96.88	204.4059	89.5402	DELTA
11021	11018	0	1.435	771	1.7	3.146	16.3458	87.2313	POSTE
11021	11018	0	1.435	772	1.7	3.88	46.5543	83.1733	PARAMENTO
11021	11018	0	1.435	773	1.7	10.755	20.2134	89.0532	PARAMENTO
11021	11018	0	1.435	774	1.7	3.45	26.3332	85.0847	PARAMENTO
11021	11018	0	1.435	775	1.7	34.26	200.5849	90.0933	BORDE_VIA
11021	11018	0	1.435	776	1.7	41.466	200.2825	90.1046	BORDE_VIA
11021	11018	0	1.435	777	1.7	41.86	207.5552	90.081	BORDE_VIA
11021	11018	0	1.435	778	1.7	36.851	209.1452	90.1827	BORDE_VIA
11022	11021	0	1.477	11021	1.7	96.887	0	89.4834	DELTA
11022	11021	0	1.477	11023	1.7	167.053	265.0235	89.4023	DELTA



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11022	11021	0	1.477	779	1.7	7.198	329.4525	84.263	PARAMENTO
11022	11021	0	1.477	780	1.7	13.338	295.5602	86.5058	PARAMENTO
11022	11021	0	1.477	781	1.7	13.027	342.3958	88.1016	PARAMENTO
11022	11021	0	1.477	782	1.7	24.142	24.0017	88.3611	PARAMENTO
11022	11021	0	1.477	783	1.7	14.431	61.4131	87.3501	PARAMENTO
11022	11021	0	1.477	784	1.7	20.097	69.143	88.1703	PARAMENTO
11022	11021	0	1.477	785	1.7	26.973	117.3518	88.4859	PARAMENTO
11022	11021	0	1.477	786	1.7	16.874	142.4629	88.2027	PARAMENTO
11022	11021	0	1.477	787	1.7	27.661	156.3639	88.5747	PARAMENTO
11022	11021	0	1.477	788	1.7	17.132	181.5005	88.3616	PARAMENTO
11022	11021	0	1.477	789	1.8	13.916	182.5837	87.4919	PARAMENTO
11022	11021	0	1.477	790	1.7	18.748	220.2755	88.5126	PARAMENTO
11022	11021	0	1.477	791	1.7	14.413	237.283	88.5951	BORDE_VIA
11022	11021	0	1.477	792	1.7	6.98	174.3522	88.1133	BORDE_VIA
11022	11021	0	1.477	793	1.7	9.854	134.0827	89.0024	BORDE_VIA
11022	11021	0	1.477	794	1.7	6.483	88.47	88.1749	BORDE_VIA
11022	11021	0	1.477	795	1.7	9.831	77.4323	86.3719	POSTE
11022	11021	0	1.477	796	1.7	3.187	76.4938	86.1251	MANHOLE
11022	11021	0	1.477	797	1.7	1.859	4.2936	85.2349	BORDE_VIA
11022	11021	0	1.477	798	1.7	8.814	266.3449	88.1714	BORDE_VIA
11023	11022	0	1.489	11022	1.7	167.054	0	90.1119	DELTA
11023	11022	0	1.489	11024	1.7	117.956	182.4534	89.4402	DELTA
11023	11022	0	1.489	799	1.7	7.599	256.0619	89.0615	BORDE_VIA
11023	11022	0	1.489	800	1.7	10.98	223.5054	89.1157	BORDE_VIA
11023	11022	0	1.489	801	1.7	19.046	204.2646	89.2318	BORDE_VIA
11023	11022	0	1.489	802	1.7	17.782	245.2255	89.5235	BORDE_VIA
11023	11022	0	1.489	803	1.7	16.64	260.4658	90.0456	BORDE_VIA
11023	11022	0	1.489	804	1.7	11.107	268.2426	91.4222	SUMIDERO
11023	11022	0	1.489	805	1.7	11.028	266.2752	91.4223	SUMIDERO
11023	11022	0	1.489	806	1.7	10.133	266.2752	92.2252	SUMIDERO
11023	11022	0	1.489	807	1.7	10.237	270.2506	92.2251	SUMIDERO
11023	11022	0	1.489	808	1.7	10.136	270.4129	92.1838	SUMIDERO
11023	11022	0	1.489	809	1.7	10.031	268.3633	92.1838	SUMIDERO
11023	11022	0	1.489	810	1.9	8.537	270.3358	91.5032	SUMIDERO
11023	11022	0	1.489	811	1.9	8.571	274.5148	91.4115	SUMIDERO
11023	11022	0	1.489	812	1.9	13.938	233.0903	89.5039	SUMIDERO
11023	11022	0	1.489	813	1.9	14.252	231.0751	89.3738	SUMIDERO
11023	11022	0	1.489	814	1.9	13.375	231.5819	89.1904	SUMIDERO
11023	11022	0	1.489	815	1.9	17.551	182.0639	88.331	BORDE_VIA
11023	11022	0	1.489	816	1.9	10.616	181.4559	87.3141	BORDE_VIA
11023	11022	0	1.489	817	1.9	14.806	137.2338	89.4735	BORDE_VIA
11023	11022	0	1.489	818	1.9	10.602	109.1326	90.1639	BORDE_VIA
11023	11022	0	1.489	819	1.9	3.083	179.1033	82.0508	BORDE_VIA
11023	11022	0	1.489	820	1.9	2.616	111.2915	97.5456	SUMIDERO
11023	11022	0	1.489	821	1.9	2.652	123.5316	97.3343	SUMIDERO
11023	11022	0	1.489	822	1.9	1.94	111.1501	102.3955	SUMIDERO
11023	11022	0	1.489	823	1.9	5.671	101.0019	89.4357	POSTE
11023	11022	0	1.489	824	1.7	6.123	93.4015	92.2047	PARAMENTO
11023	11022	0	1.489	825	1.7	14.617	93.564	91.1202	PARAMENTO
11023	11022	0	1.489	826	1.7	14.544	28.0221	92.1145	PARAMENTO
11023	11022	0	1.489	827	1.7	3.961	210.5314	86.0259	MANHOLE
11024	11023	0	1.467	11023	1.7	117.961	0	90.0328	DELTA
11024	11023	0	1.467	828	1.7	6.218	0.3417	87.5542	BORDE_VIA
11024	11023	0	1.467	829	1.7	8.576	312.0445	88.384	BORDE_VIA
11024	11023	0	1.467	830	1.7	8.307	258.4827	89.0206	MANHOLE
11024	11023	0	1.467	831	1.7	7.894	246.4608	89.0955	CANALETA
11024	11023	0	1.467	832	1.7	7.456	245.5742	89.1125	CANALETA
11024	11023	0	1.467	833	1.7	7.3	269.0234	89.0601	CANALETA
11024	11023	0	1.467	834	1.7	6.816	268.4158	89.1207	CANALETA



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11024	11023	0	1.467	835	1.7	13.02	209.0653	89.0008	BORDE_VIA
11024	11023	0	1.467	836	1.7	11.828	179.2546	88.5217	BORDE_VIA
11024	11023	0	1.467	837	1.7	7.783	174.2059	89.3629	BORDE_VIA
11024	11023	0	1.467	838	1.7	7.174	139.1427	90.5727	BORDE_VIA
11024	11023	0	1.467	839	1.7	3.953	83.0827	90.2826	BORDE_VIA
11024	11023	0	1.467	840	1.7	1.7	22.1059	86.3718	BORDE_VIA
11024	11023	0	1.467	841	1.7	13.019	98.4537	90.301	MANHOLE
11024	11023	0	1.467	11025	1.7	164.917	90.4506	90.0708	DELTA
11025	11024	0	1.46	11024	1.7	164.915	0	89.4219	DELTA
11025	11024	0	1.46	11026	1.7	48.73	182.3221	89.4156	DELTA
11025	11024	0	1.46	842	1.7	39.58	356.2239	89.5507	BORDE_VIA
11025	11024	0	1.46	843	1.7	35.131	356.2415	89.5322	BORDE_VIA
11025	11024	0	1.46	844	1.7	37.731	2.2137	89.4751	MANHOLE
11025	11024	0	1.46	845	1.7	34.717	4.4856	89.5256	BORDE_VIA
11025	11024	0	1.46	846	1.7	4.588	93.4018	88.455	BORDE_VIA
11025	11024	0	1.46	847	1.7	10.388	149.3747	89.3546	BORDE_VIA
11025	11024	0	1.46	848	1.7	4.579	356.5513	87.3247	BORDE_VIA
11025	11024	0	1.46	849	1.7	2.917	187.5121	85.1955	BORDE_VIA
11025	11024	0	1.46	850	1.7	7.892	194.5512	87.574	BORDE_VIA
11025	11024	0	1.46	851	1.7	7.431	76.5219	88.5641	POSTE
11025	11024	0	1.46	852	1.7	6.232	115.2949	88.1702	CAMA_TELF
11026	11025	0.0001	1.492	11025	1.7	48.735	0.0001	89.47	DELTA
11026	11025	0.0001	1.492	11025	1.7	48.736	0	89.47	DELTA
11026	11025	0.0001	1.492	853	1.7	6.493	9.0705	87.5844	BORDE_VIA
11026	11025	0.0001	1.492	854	1.7	2.627	335.0742	85.0941	BORDE_VIA
11026	11025	0.0001	1.492	855	1.7	6.117	282.3805	87.3116	BORDE_VIA
11026	11025	0.0001	1.492	856	1.7	6.074	255.0554	87.3115	BORDE_VIA
11026	11025	0.0001	1.492	857	1.7	1.921	169.1437	84.0006	BORDE_VIA
11026	11025	0.0001	1.492	858	1.7	13.949	169.5428	88.3138	BORDE_VIA
11026	11025	0.0001	1.492	859	1.7	15.656	146.4132	89.25	BORDE_VIA
11026	11025	0.0001	1.492	860	1.7	9.289	125.4543	88.5545	BORDE_VIA
11026	11025	0.0001	1.492	861	1.7	7.226	41.4746	89.4351	BORDE_VIA
11026	11025	0.0001	1.492	11027	1.7	67.417	266.0646	89.4752	DELTA
11026	11025	0.0001	1.492	862	1.7	5.178	209.5836	80.1339	PARAMENTO
11026	11025	0.0001	1.492	863	1.7	13.789	188.1805	86.2124	PARAMENTO
11026	11025	0.0001	1.492	864	1.7	5.898	328.2755	87.0201	PARAMENTO
11027	11026	0	1.506	11026	1.7	67.413	0	89.5202	DELTA
11027	11026	0	1.506	11000	1.7	8.691	215.2637	89.1036	DELTA
11027	11026	0	1.506	865	1.7	6.555	284.0204	81.3242	PARAMENTO
11027	11026	0	1.506	866	1.7	14.911	205.2322	87.3708	PARAMENTO
11027	11026	0	1.506	867	1.7	26.26	194.1905	89.0326	PARAMENTO
11027	11026	0	1.506	868	1.7	25.541	191.0038	89.0326	POSTE
11027	11026	0	1.506	869	2.6	19.111	168.2315	86.0043	PARAMENTO
11027	11026	0	1.506	870	1.7	12.13	160.1616	88.1559	PARAMENTO
11027	11026	0	1.506	871	1.7	16.144	135.5656	88.3605	PARAMENTO
11027	11026	0	1.506	872	1.7	10.866	103.3449	89.0134	BORDE_VIA
11027	11026	0	1.506	873	1.7	13.771	127.0157	89.4939	BORDE_VIA
11027	11026	0	1.506	874	1.7	3.004	150.445	87.1409	BORDE_VIA
11027	11026	0	1.506	875	1.7	8.955	168.3243	89.3325	BORDE_VIA
11027	11026	0	1.506	876	1.7	11.94	173.1308	89.2045	BORDE_VIA
11027	11026	0	1.506	877	1.7	11.556	195.3424	89.2045	BORDE_VIA
11027	11026	0	1.506	878	1.7	11.555	206.4004	88.5458	POSTE
11027	11026	0	1.506	879	1.7	12.226	204.4159	87.2208	POSTE
11027	11026	0	1.506	880	1.7	16.736	229.5552	88.5632	POSTE
11027	11026	0	1.506	881	1.7	10.741	101.4453	88.4421	CERRAMIENT
11027	11026	0	1.506	882	1.7	2.85	136.3927	85.0242	CERRAMIENT
11027	11026	0	1.506	883	1.7	7.635	12.5512	87.2838	CERRAMIENT
11027	11026	0	1.506	884	1.7	8.244	22.474	85.0726	CERRAMIENT
11027	11026	0	1.506	11028	1.7	70.354	180.5706	89.4533	DELTA



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11000	11027	0	1.484	11027	1.7	8.695	0	88.0744	DELTA
11000	11027	0	1.484	11002	1.7	89.946	234.5042	89.5017	DELTA
11000	11027	0	1.484	885	1.7	7.165	28.4845	88.0753	MANHOLE
11000	11027	0	1.484	886	1.7	35.442	228.3844	89.2326	POSTE
11000	11027	0	1.484	887	1.7	33.871	224.2533	88.5451	PARAMENTO
11028	11027	0	1.484	11027	1.7	70.354	0	89.5433	DELTA
11028	11027	0	1.484	888	1.7	5.888	297.261	84.4047	PARAMENTO
11028	11027	0	1.484	889	1.7	4.241	321.3242	87.1248	BORDE_VIA
11028	11027	0	1.484	890	1.7	3.685	25.2639	87.0125	BORDE_VIA
11028	11027	0	1.484	891	1.7	52.48	4.0642	89.2836	LINDERO
11028	11027	0	1.484	892	1.7	9.41	18.1919	88.0252	LINDERO
11028	11027	0	1.484	893	1.7	13.611	74.144	88.4644	PARAMENTO
11028	11027	0	1.484	894	1.7	15.22	59.4402	88.5305	PARAMENTO
11028	11027	0	1.484	895	1.7	25.109	81.2137	89.3543	PARAMENTO
11028	11027	0	1.484	896	1.7	17.233	55.4546	88.5809	PARAMENTO
11028	11027	0	1.484	897	1.7	18.04	44.4425	89.0322	PARAMENTO
11028	11027	0	1.484	898	1.7	20.016	137.5655	89.4242	PARAMENTO
11028	11027	0	1.484	899	1.7	13.754	151.4747	90.0035	PARAMENTO
11028	11027	0	1.484	900	1.7	35.438	21.1238	89.2512	PARAMENTO
11028	11027	0	1.484	901	1.7	16.405	220.4653	87.1546	PARAMENTO
11028	11027	0	1.484	902	1.7	17.265	227.4722	89.2855	POSTE
11028	11027	0	1.484	903	1.7	18.366	346.1608	89.1756	POSTE
11028	11027	0	1.484	904	1.7	13.175	281.3329	87.5708	PARAMENTO
11028	11027	0	1.484	905	1.7	11.842	232.5017	88.5837	MANHOLE
11028	11027	0	1.484	906	1.7	11.495	237.151	88.5837	MANHOLE
11028	11027	0	1.484	907	1.7	10.993	230.3218	88.4907	MANHOLE
11028	11027	0	1.484	908	1.7	4.383	170.0617	86.4651	MANHOLE
11028	11027	0	1.484	909	1.7	4.6	157.0533	87.0528	MANHOLE
11028	11027	0	1.484	910	1.7	5.447	171.3131	87.231	MANHOLE
11028	11027	0	1.484	911	1.7	40.418	97.4833	89.2816	MANHOLE
11028	11027	0	1.484	912	1.7	40.514	99.3649	89.2816	MANHOLE
11028	11027	0	1.484	913	1.7	39.048	99.4627	89.2659	MANHOLE
11028	11027	0	1.484	914	1.7	8.497	110.5203	89.0813	BORDE_VIA
11028	11027	0	1.484	915	1.7	9.38	93.0338	88.3309	BORDE_VIA
11028	11027	0	1.484	916	1.7	18.599	126.2649	90.0603	BORDE_VIA
11028	11027	0	1.484	917	1.7	22.089	119.3804	90.084	BORDE_VIA
11028	11027	0	1.484	918	1.7	2.732	227.4534	86.1614	BORDE_VIA
11028	11027	0	1.484	919	1.7	11.812	241.0836	89.4726	BORDE_VIA
11028	11027	0	1.484	920	1.7	18.1	230.3803	90.0151	BORDE_VIA
11028	11027	0	1.484	921	1.7	19.716	237.36	90.2824	BORDE_VIA
11028	11027	0	1.484	922	1.7	12.078	252.1936	89.4844	BORDE_VIA
11028	11027	0	1.484	923	1.7	23.701	252.1118	90.1707	DES_DOMICI
11028	11027	0	1.484	924	1.7	23.467	254.1316	90.1237	DES_DOMICI
11028	11027	0	1.484	925	1.7	22.122	254.1622	90.2409	DES_DOMICI
11028	11027	0	1.484	926	1.7	22.642	251.4122	90.2556	DES_DOMICI
11028	11027	0	1.484	927	1.7	21.137	243.5547	90.5451	DESC_CLAVE
11028	11027	0	1.484	928	1.7	21.252	244.0737	93.2009	DESC_BATEA
11028	11027	0	1.484	929	1.7	19.032	242.0429	90.2411	TUBO
11028	11027	0	1.484	930	1.7	21.433	247.4416	92.3642	BORDE_CANO
11028	11027	0	1.484	931	1.7	23.955	242.5922	91.5644	BORDE_CANO
11028	11027	0	1.484	932	1.7	24.99	251.4035	92.0756	BORDE_CANO
11006	11001	0	1.44	11001	1.7	30.352	0	89.4327	DELTA
11006	11001	0	1.44	933	1.7	5.666	60.2008	85.5926	PARAMENTO
11006	11001	0	1.44	934	1.7	16.851	87.1111	88.5707	POSTE
11006	11001	0	1.44	935	1.7	16.326	91.5945	89.1427	BORDE_VIA
11006	11001	0	1.44	936	1.7	16.437	102.0806	89.2412	BORDE_VIA
11006	11001	0	1.44	937	1.7	23.819	104.5324	89.0511	POSTE
11006	11001	0	1.44	938	1.7	52.783	92.0328	89.3725	POSTE
11006	11001	0	1.44	939	1.7	58.785	97.3431	89.2051	POSTE



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11006	11001	0	1.44	940	1.7	76.88	97.2937	89.4019	PARAMENTO
11006	11001	0	1.44	941	1.7	74.958	90.2742	89.2424	PARAMENTO
11006	11001	0	1.44	942	1.7	75.658	92.5546	89.5246	BORDE_VIA
11006	11001	0	1.44	943	1.7	76.714	95.4216	89.5243	BORDE_VIA
11006	11001	0	1.44	944	1.7	76.868	93.1953	90.3439	DESC_CLAVE
11006	11001	0	1.44	945	1.7	76.924	93.211	90.5912	DESC_BATEA
11006	11001	0	1.44	946	1.7	76.546	93.1423	90.261	TUBO
11006	11001	0	1.44	947	1.7	77.393	93.3103	90.5222	BORDE_CANO
11006	11001	0	1.44	948	1.7	77.281	93.064	90.503	BORDE_CANO
11006	11001	0	1.44	949	1.7	78.902	93.3257	90.4755	BORDE_CANO
11006	11001	0	1.44	950	1.7	82.651	93.5714	90.1551	TERRENO
11006	11001	0	1.44	951	1.7	80.063	95.4356	90.5734	BORDE_CANO
11006	11001	0	1.44	952	1.7	79.583	93.0636	90.5712	BORDE_CANO
11006	11001	0	1.44	953	1.7	80.2	93.0722	90.5725	BORDE_CANO
11006	11001	0	1.44	954	1.7	78.383	97.0202	90.0535	TERRENO
11006	11001	0	1.44	955	1.7	80.862	95.4007	90.5603	BORDE_CANO
11006	11001	0	1.44	956	1.7	77.796	94.3421	90.1049	TERRENO
11006	11001	0	1.44	957	1.7	82.359	95.4837	90.3411	TERRENO
11005	11006	0	1.44	11006	1.7	42.373	0	89.4602	DELTA
11005	11006	0	1.44	11030	1.7	69.801	93.1543	89.5742	DELTA
11005	11006	0	1.44	958	1.7	21.772	104.0323	89.0302	POSTE
11005	11006	0	1.44	959	1.7	21.474	87.3442	87.4819	POSTE
11005	11006	0	1.44	960	1.7	40.47	100.4922	89.5146	PARAMENTO
11005	11006	0	1.44	961	1.7	21.439	92.2232	89.1754	BORDE_VIA
11005	11006	0	1.44	962	1.7	21.435	99.2848	89.1039	BORDE_VIA
11005	11006	0	1.44	963	5	42.359	101.4807	85.151	POSTE
11005	11006	0	1.44	964	1.7	12.776	101.2047	89.3459	SUMIDERO
11005	11006	0	1.44	965	1.7	12.823	102.2812	89.35	SUMIDERO
11005	11006	0	1.44	966	1.7	13.066	102.1907	89.35	SUMIDERO
11005	11006	0	1.44	967	1.7	40.675	95.0349	90.0418	SUMIDERO
11005	11006	0	1.44	968	1.7	40.3	94.2326	90.0418	SUMIDERO
11030	11005	0	1.421	11005	1.7	69.809	0	89.3607	DELTA
11030	11005	0	1.421	969	1.7	3.14	355.3344	87.0653	SUMIDERO
11030	11005	0	1.421	970	1.7	3.044	2.4727	86.5419	SUMIDERO
11030	11005	0	1.421	971	1.7	2.741	1.421	86.3858	SUMIDERO
11030	11005	0	1.421	972	1.7	2.232	353.1013	83.4659	MANHOLE
11030	11005	0	1.421	973	1.7	4.206	338.3855	88.0729	SUMIDERO
11030	11005	0	1.421	974	1.7	4.124	343.263	88.0729	SUMIDERO
11030	11005	0	1.421	975	1.7	4.657	345.185	88.0142	SUMIDERO
11030	11005	0	1.421	976	2.4	12.003	12.3745	83.3831	POSTE
11030	11005	0	1.421	977	1.7	39.936	261.553	88.5843	LINDERO
11030	11005	0	1.421	978	1.7	3.624	38.0646	85.0826	PARAMENTO
11030	11005	0	1.421	979	1.7	3.566	146.5905	77.3654	PARAMENTO
11030	11005	0	1.421	980	1.7	10.121	246.2819	87.1223	LINDERO
11030	11005	0	1.421	11005	1.7	69.809	0	89.3543	DELTA
11030	11005	0	1.421	981	2.8	12.522	201.4537	91.0004	DESC_BATEA
11030	11005	0	1.421	982	2.7	12.585	201.3032	88.575	DESC_CLAVE
11030	11005	0	1.421	983	2.9	13.195	199.2837	90.1231	BORDE_CANO
11030	11005	0	1.421	984	2.9	14.582	197.1733	90.2813	BORDE_CANO
11030	11005	0	1.421	985	2.9	14.467	195.5908	90.2638	BORDE_CANO
11030	11005	0	1.421	986	2.9	15.169	200.2708	90.2738	DES_DOMICI
11030	11005	0	1.421	987	3.4	13.571	180.4722	88.4056	BORDE_CANO
11030	11005	0	1.421	988	1.5	43.241	262.5555	88.5238	BORDE_VIA
11030	11005	0	1.421	989	1.5	43.106	268.013	88.5222	BORDE_VIA
11030	11005	0	1.421	990	1.5	18.826	261.0148	89.1807	BORDE_VIA
11030	11005	0	1.421	991	1.5	18.623	271.2913	89.2422	BORDE_VIA
11030	11005	0	1.421	992	1.7	6.528	301.2518	87.2823	POSTE
11003	11001	0	1.475	11001	1.7	10.607	0	88.513	DELTA
11003	11001	0	1.475	11029	1.7	64.268	248.3042	89.4507	DELTA



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11003	11001	0	1.475	993	1.7	14.698	234.5346	88.2405	POSTE
11003	11001	0	1.475	994	1.7	38.315	251.0736	89.3745	POSTE
11003	11001	0	1.475	995	1.7	39.18	249.5754	89.4008	BORDE_VIA
11003	11001	0	1.475	996	1.7	39.085	244.3432	89.4007	BORDE_VIA
11003	11001	0	1.475	997	1.7	47.676	243.4739	89.3806	POSTE
11003	11001	0	1.475	998	1.7	55.274	246.071	89.472	MANHOLE
11003	11001	0	1.475	999	1.7	62.169	248.414	89.4946	BORDE_VIA
11003	11001	0	1.475	1000	1.7	62.171	245.3835	89.4946	BORDE_VIA
11003	11001	0	1.475	1001	1.7	62.108	245.1327	89.5607	CANALETA
11003	11001	0	1.475	1002	1.7	62.076	245.2704	89.5607	CANALETA
11003	11001	0	1.475	1003	1.7	21.776	253.3558	89.5247	CANALETA
11003	11001	0	1.475	1004	1.7	21.756	252.5507	89.5248	CANALETA
11003	11001	0	1.475	1005	1.7	22.626	241.1558	89.4456	CANALETA
11003	11001	0	1.475	1006	1.7	22.614	241.5345	89.4456	CANALETA
11003	11001	0	1.475	1007	1.7	2.736	320.2617	89.024	CANALETA
11003	11001	0	1.475	1008	1.7	2.528	320.111	88.5148	CANALETA
11003	11001	0	1.475	1009	1.7	3.687	357.4749	89.5631	CANALETA
11003	11001	0	1.475	1010	1.7	3.448	355.2505	90.0914	CANALETA
11003	11001	0	1.475	1011	1.7	5.462	352.2027	91.0746	CANALETA
11003	11001	0	1.475	1012	1.7	5.463	349.2022	90.4837	CANALETA
11003	11001	0	1.475	1013	1.7	4.949	4.5247	88.3053	CANALETA
11003	11001	0	1.475	1014	1.7	4.886	7.3648	88.4034	CANALETA
11003	11001	0	1.475	1015	1.7	2.89	127.3732	91.171	CANALETA
11003	11001	0	1.475	1016	1.7	2.685	125.155	91.2124	CANALETA
11029	11003	0.0001	1.432	11003	1.7	64.267	0.0001	89.484	DELTA
11029	11003	0.0001	1.432	1017	1.7	2.209	347.2755	85.3103	CANALETA
11029	11003	0.0001	1.432	1018	1.7	2.284	340.4955	85.4309	CANALETA
11029	11003	0.0001	1.432	1019	1.7	5.847	139.4403	90.3521	CANALETA
11029	11003	0.0001	1.432	1020	1.7	5.688	141.4617	90.2944	CANALETA
11029	11003	0.0001	1.432	1021	1.7	7.019	70.1356	85.5531	PARAMENTO
11029	11003	0.0001	1.432	1022	1.7	38.814	85.0915	89.1825	PARAMENTO
11029	11003	0.0001	1.432	1023	1.7	3.908	302.3101	83.1657	PARAMENTO
11029	11003	0.0001	1.432	1024	1.5	21.037	102.1352	90.2344	DES_DOMICI
11029	11003	0.0001	1.432	1025	1.5	20.227	99.0122	90.1649	DES_DOMICI
11029	11003	0.0001	1.432	1026	2.4	41.892	89.2429	90.2925	DESC_BATEA
11029	11003	0.0001	1.432	1027	2.4	41.917	89.2632	90.0119	DESC_CLAVE
11029	11003	0.0001	1.432	1028	1.7	41.946	88.16	89.5247	TUBO
11029	11003	0.0001	1.432	1029	1.7	40.87	91.5401	89.5653	BORDE_CANO
11029	11003	0.0001	1.432	1030	2.4	39.797	95.3205	90.2808	BORDE_CANO
11029	11003	0.0001	1.432	1031	2.6	42.254	90.2907	89.2746	BORDE_CANO
11029	11003	0.0001	1.432	1032	1.7	31.038	96.5132	91.3834	BORDE_CANO
11029	11003	0.0001	1.432	1033	2.6	42.138	92.3122	89.3804	BORDE_CANO
11029	11003	0.0001	1.432	1034	1.7	15.026	115.0907	93.4903	BORDE_CANO
11029	11003	0.0001	1.432	1035	1.7	10.287	134.4019	95.0738	BORDE_CANO
11029	11003	0.0001	1.432	1036	1.7	8.768	163.1141	96.1126	BORDE_CANO
11029	11003	0.0001	1.432	1037	1.7	10.246	179.4734	96.0106	BORDE_CANO
11029	11003	0.0001	1.432	1038	1.7	8.47	178.3024	97.1055	BORDE_CANO
11029	11003	0.0001	1.432	1039	1.7	11.341	179.3408	92.2049	TERRENO
11029	11003	0.0001	1.432	1040	1.7	4.452	190.3439	83.4532	POSTE
11029	11003	0.0001	1.432	1041	1.7	13.554	179.1716	89.2132	TERRENO
11029	11003	0.0001	1.432	1042	1.7	11.008	185.055	93.2359	TERRENO
11029	11003	0.0001	1.432	1043	1.7	5.952	141.4703	90.5532	CANO
11029	11003	0.0001	1.432	1044	1.7	7.42	149.0848	92.3028	CANO
11029	11003	0.0001	1.432	1045	1.7	8.621	154.1712	94.4222	CANO
11029	11003	0.0001	1.432	1046	1.7	11.611	168.1618	91.203	LINDERO
11029	11003	0.0001	1.432	1047	1.7	15.84	132.384	90.4936	LINDERO
11029	11003	0.0001	1.432	1048	1.7	13.164	132.1449	95.01	BORDE_CANO
11029	11003	0.0001	1.432	1049	1.7	11.581	141.3904	95.4938	BORDE_CANO
11010	11011	0.0001	1.442	11011	1.7	82.389	0.0001	90.2057	DELTA



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11010	11011	0.0001	1.442	11011	1.7	82.396	0	90.2057	DELTA
11010	11011	0.0001	1.442	11031	1.7	39.647	168.1339	89.4422	DELTA
11031	11010	0	1.434	11010	1.7	39.654	0	89.3138	DELTA
11031	11010	0	1.434	1050	1.7	8.014	110.5631	86.584	PARAMENTO
11031	11010	0	1.434	1051	1.7	3.531	155.2456	83.1152	PARAMENTO
11031	11010	0	1.434	1052	2	9.335	246.1307	85.0926	PARAMENTO
11031	11010	0	1.434	1053	1.7	5.941	244.3557	88.0441	POSTE
11031	11010	0	1.434	1054	1.7	14.764	264.5131	88.2543	MANHOLE
11031	11010	0	1.434	1055	1.7	3.454	197.3158	82.3142	LINDERO
11031	11010	0	1.434	1056	1.7	19.063	283.3028	89.223	LINDERO
11031	11010	0	1.434	1057	1.7	19.943	279.4742	89.5644	LINDERO
11031	11010	0	1.434	1058	1.7	18.985	282.0951	89.2436	ARBOL
11031	11010	0	1.434	1059	1.7	22.082	268.3232	92.4013	LINDERO
11031	11010	0	1.434	1060	1.7	14.594	262.3342	89.5033	TUBO_MH
11031	11010	0	1.434	1061	1.7	14.617	256.4112	90.0158	TUBO_MH
11031	11010	0	1.434	1062	2.5	21.412	266.0212	92.2055	DESC_BATEA
11031	11010	0	1.434	1063	2.5	21.371	266.0412	91.4121	DESC_CLAVE
11031	11010	0	1.434	1064	1.7	21.333	267.39	92.1354	ESTRUCTURA
11031	11010	0	1.434	1065	1.7	21.371	264.4406	92.1137	ESTRUCTURA
11031	11010	0	1.434	1066	1.7	20.684	266.023	91.2259	TUBO
11031	11010	0	1.434	1067	2.5	22.783	266.2803	92.0607	BORDE_CANO
11031	11010	0	1.434	1068	2	23.039	265.0526	93.1819	BORDE_CANO
11031	11010	0	1.434	1069	1.7	21.429	266.4856	93.5243	BORDE_CANO
11031	11010	0	1.434	1070	1.7	21.449	265.2522	94.0331	BORDE_CANO
11031	11010	0	1.434	1071	2	25.984	268.0601	93.1841	BORDE_CANO
11031	11010	0	1.434	1072	2	26.215	267.0002	93.0757	BORDE_CANO
11031	11010	0	1.434	1073	2	29.225	270.0536	93.1613	BORDE_CANO
11031	11010	0	1.434	1074	2	29.257	268.532	93.2102	BORDE_CANO
11031	11010	0	1.434	1075	2	30.582	265.3547	93.1334	BORDE_CANO
11031	11010	0	1.434	1076	2	28.79	275.5129	92.1053	BORDE_CANO
11031	11010	0	1.434	11032	1.7	8.131	86.0414	87.0416	DELTA
11032	11031	0	1.435	11031	1.7	8.114	0	89.1512	DELTA
11032	11031	0	1.435	11033	1.7	42.451	271.2456	89.3918	DELTA
11032	11031	0	1.435	1077	1.7	21.437	272.4748	89.172	PARAMENTO
11032	11031	0	1.435	1078	1.7	5.994	217.3931	81.1957	PARAMENTO
11032	11031	0	1.435	1079	1.7	4.738	196.1334	87.2204	BORDE_VIA
11032	11031	0	1.435	1080	1.7	5.279	153.5735	88.0841	BORDE_VIA
11032	11031	0	1.435	1081	1.7	22.049	173.1525	89.3949	BORDE_VIA
11032	11031	0	1.435	1082	1.7	21.904	181.3431	89.4319	BORDE_VIA
11032	11031	0	1.435	1083	1.7	21.005	189.443	89.2014	PARAMENTO
11032	11031	0	1.435	1084	1.7	21.705	187.0042	89.3447	POSTE
11033	11032	0.0001	1.464	11032	1.7	42.449	0.0001	89.4046	DELTA
11033	11032	0.0001	1.464	1085	1.7	6.041	59.0023	87.412	PARAMENTO
11033	11032	0.0001	1.464	1086	1.7	11.632	73.5905	88.3436	PARAMENTO
11033	11032	0.0001	1.464	1087	1.7	11.211	87.2206	88.5403	BORDE_VIA
11033	11032	0.0001	1.464	1088	1.7	10.892	99.2216	88.4512	BORDE_VIA
11033	11032	0.0001	1.464	1089	1.7	5.809	131.5022	85.2612	PARAMENTO
11033	11032	0.0001	1.464	1090	1.7	22.467	91.5428	89.3118	MANHOLE
11033	11032	0.0001	1.464	1091	1.7	4.799	308.2915	86.5402	PARAMENTO
11033	11032	0.0001	1.464	1092	1.7	4.363	292.4751	87.4115	POSTE
11033	11032	0.0001	1.464	1093	1.7	20	278.0011	89.4027	PARAMENTO
11033	11032	0.0001	1.464	1094	1.7	22.253	270.4024	89.2854	MANHOLE
11033	11032	0.0001	1.464	1095	1.7	25.575	267.0737	89.3417	MANHOLE
11033	11032	0.0001	1.464	1096	1.7	15.326	271.2655	88.5934	MANHOLE
11033	11032	0.0001	1.464	1097	2.85	43.712	270.2415	90.2947	DESC_BATEA
11033	11032	0.0001	1.464	1098	2.7	43.633	270.1633	90.2241	DESC_CLAVE
11033	11032	0.0001	1.464	1099	2.15	42.183	270.1229	90.4822	TUBO
11033	11032	0.0001	1.464	1100	1.85	43.337	270.1824	91.0308	TUBO
11033	11032	0.0001	1.464	1101	1.7	43.288	268.2741	91.0039	ESTRUCTURA



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11033	11032	0.0001	1.464	1102	1.7	43.12	268.3051	91.0039	ESTRUCTURA
11033	11032	0.0001	1.464	1103	1.7	43.592	269.4105	90.5227	ESTRUCTURA
11033	11032	0.0001	1.464	1104	1.7	43.428	269.4202	90.5228	ESTRUCTURA
11033	11032	0.0001	1.464	1105	1.7	43.511	270.5836	90.5228	ESTRUCTURA
11033	11032	0.0001	1.464	1106	1.7	43.338	270.5621	90.5308	ESTRUCTURA
11033	11032	0.0001	1.464	1107	2.5	42.975	272.0726	90.3607	ESTRUCTURA
11033	11032	0.0001	1.464	1108	2.5	42.796	272.0221	90.3625	ESTRUCTURA
11033	11032	0.0001	1.464	1109	2	41.106	272.2207	90.2156	LINDERO
11033	11032	0.0001	1.464	1110	2	42.28	263.1938	90.1431	LINDERO
11033	11032	0.0001	1.464	1111	1.8	42.758	261.4432	90.3246	LINDERO
11033	11032	0.0001	1.464	1112	2.5	47.651	263.0537	91.1059	BORDE_CANO
11033	11032	0.0001	1.464	1113	2.5	46.65	268.1819	91.1521	BORDE_CANO
11033	11032	0.0001	1.464	1114	2.9	46.574	271.5609	90.5132	BORDE_CANO
11033	11032	0.0001	1.464	1115	1.5	12.421	250.512	88.4354	PARAMENTO
11019	11018	0	1.486	11018	1.7	96.046	0	89.4538	DELTA
11019	11018	0	1.486	11034	1.7	73.297	186.583	89.4639	DELTA
11019	11018	0	1.486	1116	1.7	57.479	182.4521	89.3045	PARAMENTO
11019	11018	0	1.486	1117	1.7	49.052	183.2142	89.445	POSTE
11019	11018	0	1.486	1118	1.7	41.96	192.4049	89.2614	MANHOLE
11019	11018	0	1.486	1119	1.7	38.11	183.5334	89.445	MANHOLE
11019	11018	0	1.486	1120	1.7	39.886	193.5439	89.2913	PARAMENTO
11019	11018	0	1.486	1121	2	34.148	178.5024	88.3629	PARAMENTO
11019	11018	0	1.486	1122	1.7	25.218	183.3319	89.4112	BORDE_VIA
11019	11018	0	1.486	1123	1.7	25.68	194.163	89.4501	BORDE_VIA
11019	11018	0	1.486	1124	1.7	25.994	197.214	90.0606	SUMIDERO
11019	11018	0	1.486	1125	1.7	25.359	196.5016	90.0517	SUMIDERO
11019	11018	0	1.486	1126	1.7	27.163	171.283	92.0149	DES_DOMICI
11019	11018	0	1.486	1127	1.7	27.105	171.2406	92.1634	DES_DOMICI
11019	11018	0	1.486	1128	1.7	28.497	173.5458	90.2011	DES_DOMICI
11019	11018	0	1.486	1129	1.7	14.195	210.3625	89.15	POSTE
11019	11018	0	1.486	1130	1.7	35.061	162.4641	90.4452	PARAMENTO
11019	11018	0	1.486	1131	0.085	40.162	162.2547	92.3429	DES_DOMICI
11019	11018	0	1.486	1132	0.085	40.075	162.4711	92.3155	DES_DOMICI
11019	11018	0	1.486	1133	1.7	38.843	162.1229	92.3855	BORDE_CANO
11019	11018	0	1.486	1134	1.7	32.949	161.4707	93.0621	BORDE_CANO
11019	11018	0	1.486	1135	1.7	23.875	161.4514	93.1737	BORDE_CANO
11019	11018	0	1.486	1136	1.7	17.49	149.5152	95.5321	BORDE_CANO
11019	11018	0	1.486	1137	1.7	12.719	119.583	98.0735	BORDE_CANO
11019	11018	0	1.486	1138	1.7	13.802	81.3937	96.0024	BORDE_CANO
11019	11018	0	1.486	1139	0.085	43.577	155.315	93.0546	DES_DOMICI
11019	11018	0	1.486	1140	0.085	43.608	155.1023	93.0425	DES_DOMICI
11019	11018	0	1.486	1141	1.7	40.228	157.5056	91.5717	DES_DOMICI
11019	11018	0	1.486	1142	1.7	40.44	156.2021	91.3612	DES_DOMICI
11019	11018	0	1.486	1143	1.7	41.069	158.055	92.3643	BORDE_CANO
11019	11018	0	1.486	1144	1.7	35.834	157.0511	92.5502	BORDE_CANO
11019	11018	0	1.486	1145	1.7	23.605	151.4733	94.1825	BORDE_CANO
11019	11018	0	1.486	1146	1.7	23.174	146.2245	92.2244	DES_DOMICI
11019	11018	0	1.486	1147	1.7	23.428	144.5157	92.0427	DES_DOMICI
11019	11018	0	1.486	1148	1.7	18.043	134.2323	95.1349	BORDE_CANO
11019	11018	0	1.486	1149	1.7	16.01	106.5345	96.1801	BORDE_CANO
11019	11018	0	1.486	1150	1.7	17.633	82.0253	94.4742	BORDE_CANO
11019	11018	0	1.486	1151	1.7	14.674	157.0049	94.1739	DESC_BATEA
11019	11018	0	1.486	1152	1.7	14.532	157.1112	92.5451	DESC_CLAVE
11019	11018	0	1.486	1153	1.7	14.21	158.5304	92.19	TUBO
11019	11018	0	1.486	1154	1.5	20.942	79.5314	92.4637	DESC_BATEA
11019	11018	0	1.486	1155	0.085	21.054	79.4005	94.5307	DESC_CLAVE
11019	11018	0	1.486	1156	1.5	20.98	80.2526	92.4452	ESTRUCTURA
11019	11018	0	1.486	1157	1.5	21.075	78.3955	92.4453	ESTRUCTURA
11019	11018	0	1.486	1158	1.5	20.805	78.2013	92.4953	ESTRUCTURA



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11019	11018	0	1.486	1159	1.5	20.529	80.3423	92.4953	ESTRUCTURA
11019	11018	0	1.486	1160	1.5	20.528	80.2912	93.131	ESTRUCTURA
11019	11018	0	1.486	1161	1.5	20.753	78.1652	93.1025	ESTRUCTURA
11019	11018	0	1.486	1162	1.5	20.426	77.4711	93.2018	ESTRUCTURA
11019	11018	0	1.486	1163	1.5	20.245	80.2529	93.1641	ESTRUCTURA
11019	11018	0	1.486	1164	1.5	20.179	80.2146	93.2822	ESTRUCTURA
11019	11018	0	1.486	1165	1.5	20.423	77.4448	93.2822	ESTRUCTURA
11019	11018	0	1.486	1166	1.5	20.236	77.4115	93.2823	ESTRUCTURA
11019	11018	0	1.486	1167	1.5	20.018	80.2212	93.2823	ESTRUCTURA
11019	11018	0	1.486	1168	1.5	19.979	80.1452	93.5728	ESTRUCTURA
11019	11018	0	1.486	1169	1.5	20.244	77.3938	94.0254	ESTRUCTURA
11019	11018	0	1.486	1170	1.5	19.829	77.1012	94.2236	ESTRUCTURA
11019	11018	0	1.486	1171	1.5	19.646	80.0449	94.0559	ESTRUCTURA
11019	11018	0	1.486	1172	1.5	20.096	76.3722	94.3503	BORDE_CANO
11019	11018	0	1.486	1173	1.7	21.963	68.444	92.395	DES_DOMICI
11019	11018	0	1.486	1174	1.7	22.161	68.4843	91.5823	DES_DOMICI
11019	11018	0	1.486	1175	1.7	23.278	68.5157	90.2153	DES_DOMICI
11019	11018	0	1.486	1176	1.7	19.469	78.1654	95.3321	DES_DOMICI
11019	11018	0	1.486	1177	1.7	26.916	55.0001	91.2307	DESC_BATEA
11019	11018	0	1.486	1178	1.7	26.902	54.5751	89.5946	DESC_CLAVE
11019	11018	0	1.486	1179	1.7	26.881	55.1045	92.2859	SALID_AGU
11019	11018	0	1.486	1180	1.5	27.234	54.07	90.0729	ESTRUCTURA
11019	11018	0	1.486	1181	1.5	26.774	56.0514	90.0727	ESTRUCTURA
11019	11018	0	1.486	1182	0.085	32.533	60.1839	92.2121	ESTRUCTURA
11019	11018	0	1.486	1183	1.5	32.847	58.4646	89.504	ESTRUCTURA
11019	11018	0	1.486	1184	1.7	22.777	43.3215	94.3601	BORDE_CANO
11019	11018	0	1.486	1185	0.085	26.992	81.1004	93.2157	TUBO
11019	11018	0	1.486	1186	1.5	5.922	337.2605	89.0627	MANHOLE
11019	11018	0	1.486	1187	1.5	95.514	0	89.475	LINEAMIENT
11019	11018	0	1.486	1188	1.5	60.898	0	89.4649	LINEAMIENT
11019	11018	0	1.486	1189	1.5	36.886	0.0001	89.4808	LINEAMIENT
11019	11018	0	1.486	1190	1.5	5.223	0.0002	89.1834	LINEAMIENT
11034	11019	0	1.492	11019	1.7	73.29	0	89.5245	DELTA
11034	11019	0	1.492	1191	1.7	59.838	0	89.5347	LINEAMIENT
11034	11019	0	1.492	1192	1.7	27.621	0	89.3855	LINEAMIENT
11034	11019	0	1.492	1193	1.7	6.47	0	88.3207	LINEAMIENT
11034	11019	0	1.492	1194	1.7	62.954	4.5321	89.5254	ARBOL
11034	11019	0	1.492	1195	1.7	54.081	5.2808	89.5004	ARBOL
11034	11019	0	1.492	1196	1.7	16.528	335.3906	89.1707	POSTE
11034	11019	0	1.492	1197	1.7	15.091	307.1428	89.3733	PARAMENTO
11034	11019	0	1.492	1198	1.7	22	301.56	89.4423	PARAMENTO
11034	11019	0	1.492	1199	1.7	7.932	320.1024	88.4808	BORDE_VIA
11034	11019	0	1.492	1200	1.7	5.573	10.0755	88.3903	BORDE_VIA
11034	11019	0	1.492	1201	1.7	4.69	73.3854	87.3835	POSTE
11034	11019	0	1.492	1202	1.7	4.773	142.0118	87.4919	BORDE_VIA
11034	11019	0	1.492	1203	1.7	6.566	170.2443	88.1544	MANHOLE
11034	11019	0	1.492	1204	1.7	6.24	203.0007	88.3739	BORDE_VIA
11034	11019	0	1.492	1205	1.7	26.576	155.2723	89.3755	BORDE_VIA
11034	11019	0	1.492	1206	1.7	32.471	158.0042	89.5107	BORDE_VIA
11034	11019	0	1.492	1207	1.7	7.925	122.3855	88.4906	PARAMENTO
11034	11019	0	1.492	1208	1.7	32.144	149.1632	89.4355	MANHOLE
11034	11019	0	1.492	1209	1.7	14.352	137.0737	89.2327	PARAMENTO
11034	11019	0	1.492	1210	1.7	24.13	164.4643	89.4141	CERRAMIENT
11034	11019	0	1.492	1211	1.7	14.894	203.4915	89.35	CERRAMIENT
11034	11019	0	1.492	1212	1.7	6.647	264.5205	89.2123	MANHOLE
11034	11019	0	1.492	11035	1.7	34.499	142.352	89.4419	DELTA
11034	11019	0	1.492	1213	1.7	12.479	146.2542	89.1219	BORDE_VIA
11034	11019	0	1.492	1214	1.7	24.274	143.3151	89.3029	BORDE_VIA
11035	11034	0.0001	1.508	11034	1.7	34.496	0.0001	89.3532	DELTA



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11035	11034	0.0001	1.508	1215	1.7	29.007	0.0001	89.3641	LINEAMIENT
11035	11034	0.0001	1.508	1216	1.7	20.985	0.0002	89.3429	LINEAMIENT
11035	11034	0.0001	1.508	1217	1.7	11.225	0	88.4152	LINEAMIENT
11035	11034	0.0001	1.508	1218	1.7	4.564	0.0001	86.2607	LINEAMIENT
11035	11034	0.0001	1.508	1219	1.7	19.903	10.095	87.1601	PARAMENTO
11035	11034	0.0001	1.508	1220	1.7	12.023	18.465	86.2444	PARAMENTO
11035	11034	0.0001	1.508	1221	1.7	22.933	58.2316	88.0444	PARAMENTO
11035	11034	0.0001	1.508	1222	1.7	20.621	66.5731	88.525	BORDE_VIA
11035	11034	0.0001	1.508	1223	1.7	18.346	57.2628	87.4203	POSTE
11035	11034	0.0001	1.508	1224	1.7	19.513	82.4851	88.442	BORDE_VIA
11035	11034	0.0001	1.508	1225	1.7	18.322	102.4401	88.0228	PARAMENTO
11035	11034	0.0001	1.508	1226	1.7	10.661	228.5725	88.49	POSTE
11035	11034	0.0001	1.508	1227	1.7	15.708	292.4337	89.3732	POSTE
11035	11034	0.0001	1.508	1228	1.7	16.46	238.0651	89.2535	POSTE
11035	11034	0.0001	1.508	1229	1.7	14.102	301.041	89.4513	CERRAMIENT
11035	11034	0.0001	1.508	1230	1.7	34.553	246.485	89.514	POSTE
11035	11034	0.0001	1.508	1231	1.7	33.581	253.222	90.0559	BORDE_VIA
11035	11034	0.0001	1.508	1232	1.7	33.73	263.2645	90.0404	BORDE_VIA
11035	11034	0.0001	1.508	1233	1.7	37.592	271.0443	89.4838	CERRAMIENT
11035	11034	0.0001	1.508	11036	1.7	84.037	254.5249	90.073	DELTA
11035	11034	0.0001	1.508	1234	1.7	41.739	246.0136	89.5944	PARAMENTO
11035	11034	0.0001	1.508	1235	1.7	48.571	247.1209	90.0032	PARAMENTO
11035	11034	0.0001	1.508	1236	4	42.405	242.0827	86.5549	PARAMENTO
11035	11034	0.0001	1.508	1237	4	49.036	243.4709	87.2034	PARAMENTO
11035	11034	0.0001	1.508	11037	1.7	34.183	70.4134	90.3618	DELTA
11037	11035	0	1.461	11035	1.7	34.199	0	88.395	DELTA
11037	11035	0	1.461	1238	1.7	27.246	118.3857	90.2931	DES_DOMICI
11037	11035	0	1.461	1239	1.7	27.049	121.4233	89.3651	DES_DOMICI
11037	11035	0	1.461	1240	1.7	25.267	119.1418	89.3651	DES_DOMICI
11037	11035	0	1.461	1241	0.085	25.597	113.0531	93.5933	DES_DOMICI
11037	11035	0	1.461	1242	1.7	23.725	107.4828	92.5737	BORDE_CANO
11037	11035	0	1.461	1243	1.7	17.068	118.1619	89.1302	DES_DOMICI
11037	11035	0	1.461	1244	1.7	17.073	113.3642	90.3341	DES_DOMICI
11037	11035	0	1.461	1245	1.7	8.767	81.0348	97.3802	BORDE_CANO
11037	11035	0	1.461	1246	1.7	5.665	28.3748	101.4945	BORDE_CANO
11037	11035	0	1.461	1247	1.7	4.582	20.1111	90.3315	DESC_CLAVE
11037	11035	0	1.461	1248	1.7	4.673	20.2448	98.4333	DESC_BATEA
11037	11035	0	1.461	1249	1.7	5.101	13.5128	99.4637	BORDE_CANO
11037	11035	0	1.461	1250	1.7	3.275	20.541	90.5026	TUBO
11037	11035	0	1.461	1251	1.7	4.889	9.073	92.0531	ESTRUCTURA
11037	11035	0	1.461	1252	1.7	4.91	5.5145	91.4154	ESTRUCTURA
11037	11035	0	1.461	1253	1.7	7.687	2.1332	82.472	ESTRUCTURA
11037	11035	0	1.461	1254	1.7	7.806	3.4745	82.4719	ESTRUCTURA
11037	11035	0	1.461	1255	1.7	11.214	333.0735	85.1845	ESTRUCTURA
11037	11035	0	1.461	1256	1.7	11.053	332.4734	85.0736	ESTRUCTURA
11037	11035	0	1.461	1257	1.7	11.038	6.5322	95.5633	BORDE_CANO
11037	11035	0	1.461	1258	0.085	12.458	27.4357	92.5823	DES_DOMICI
11037	11035	0	1.461	1259	0.085	12.474	23.2833	95.1637	DES_DOMICI
11037	11035	0	1.461	1260	0.085	12.42	28.57	96.0918	DES_DOMICI
11037	11035	0	1.461	1261	1.7	11.228	53.1119	90.1719	DES_DOMICI
11037	11035	0	1.461	1262	1.7	13.63	51.1816	89.2457	DES_DOMICI
11037	11035	0	1.461	1263	0.085	16.406	68.0954	93.4536	DES_DOMICI
11037	11035	0	1.461	1264	1.7	17.06	79.2509	89.1622	DES_DOMICI
11037	11035	0	1.461	1265	1.7	17.959	76.3957	88.4824	DES_DOMICI
11037	11035	0	1.461	1266	1.7	16.298	81.2703	91.1353	DES_DOMICI
11037	11035	0	1.461	1267	1.7	16.731	79.575	90.4934	DES_DOMICI
11037	11035	0	1.461	1268	1.7	15.155	82.2151	93.5256	BORDE_CANO
11037	11035	0	1.461	1269	1.7	11.882	69.4158	94.2346	BORDE_CANO
11037	11035	0	1.461	1270	1.7	13.035	8.5543	86.2042	ESTRUCTURA



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11037	11035	0	1.461	1271	1.7	12.986	5.3453	85.3253	ESTRUCTURA
11037	11035	0	1.461	1272	1.7	12.617	5.1618	85.2333	ESTRUCTURA
11037	11035	0	1.461	1273	1.7	11.879	318.1825	90.3448	ESTRUCTURA
11037	11035	0	1.461	1274	1.7	12.078	318.3705	90.4755	ESTRUCTURA
11037	11035	0	1.461	1275	1.7	12.3	314.2734	90.2407	DESC_CLAVE
11037	11035	0	1.461	1276	1.7	12.341	314.3633	93.2927	DESC_BATEA
11037	11035	0	1.461	1277	1.7	11.47	305.3037	87.4635	TUBO
11037	11035	0	1.461	1278	1.7	10.704	332.1308	85.0025	BORDE_VIA
11037	11035	0	1.461	1279	1.7	9.334	299.0016	87.2856	BORDE_VIA
11037	11035	0	1.461	1280	1.7	11.568	286.4241	88.0944	BORDE_VIA
11037	11035	0	1.461	1281	1.7	12.87	250.453	88.1453	BORDE_VIA
11037	11035	0	1.461	1282	1.7	7.456	214.381	87.4515	BORDE_VIA
11037	11035	0	1.461	1283	1.7	2.045	301.4227	81.4551	BORDE_VIA
11037	11035	0	1.461	1284	1.7	8.671	192.1541	87.5642	POSTE
11037	11035	0	1.461	1285	1.7	15.293	342.5156	86.2141	ESTRUCTURA
11037	11035	0	1.461	1286	1.7	15.418	343.2854	86.0802	ESTRUCTURA
11036	11035	0	1.48	11035	1.7	84.04	0	89.3613	DELTA
11036	11035	0	1.48	1287	1.7	53.412	0.0001	89.3346	LINEAMIENT
11036	11035	0	1.48	1288	1.7	31.374	0.0001	89.2428	LINEAMIENT
11036	11035	0	1.48	1289	1.7	7.247	0.0001	88.2739	LINEAMIENT
11036	11035	0	1.48	1290	1.7	29.471	9.4003	89.0405	POSTE
11036	11035	0	1.48	1291	1.7	10.182	269.044	89.0224	POSTE
11036	11035	0	1.48	1292	1.7	8.979	276.1437	87.3315	CERRAMIENT
11036	11035	0	1.48	1293	1.7	10.411	28.1058	87.3807	POSTE
11036	11035	0	1.48	1294	1.7	20.532	335.2754	89.3416	POSTE
11036	11035	0	1.48	1295	1.7	6.739	71.2712	86.1948	PARAMENTO
11036	11035	0	1.48	1296	1.7	30.919	342.5502	89.4313	CERRAMIENT
11036	11035	0	1.48	1297	1.7	2.149	65.2842	85.0623	BORDE_VIA
11036	11035	0	1.48	1298	2.5	31.751	341.2511	88.1556	CERRAMIENT
11036	11035	0	1.48	11038	1.7	7.042	109.2544	88.1933	DELTA
11036	11035	0	1.48	1299	1.7	4.587	290.0601	88.2922	BORDE_VIA
11036	11035	0	1.48	1300	1.7	5.421	260.1907	88.2921	BORDE_VIA
11036	11035	0	1.48	1301	1.7	7.409	252.5616	88.4714	BORDE_VIA
11038	11036	0.0001	1.477	11036	1.7	7.044	0.0001	88.0421	DELTA
11038	11036	0.0001	1.477	1302	1.7	4.447	0	87.1201	LINEAMIENT
11038	11036	0.0001	1.477	1303	1.7	2.917	75.3929	81.5125	POSTE
11038	11036	0.0001	1.477	1304	1.7	2.89	353.0454	86.1246	BORDE_VIA
11038	11036	0.0001	1.477	1305	1.7	8.51	135.2141	87.1646	POSTE
11038	11036	0.0001	1.477	1306	1.7	15.149	346.3026	89.4555	SUMIDERO
11038	11036	0.0001	1.477	1307	1.7	15.118	342.04	89.4126	SUMIDERO
11038	11036	0.0001	1.477	1308	1.7	13.969	342.0225	89.3804	SUMIDERO
11038	11036	0.0001	1.477	1309	1.7	10.958	333.0157	88.4303	MANHOLE
11038	11036	0.0001	1.477	1310	1.7	16.918	310.0726	89.0806	POSTE
11038	11036	0.0001	1.477	1311	1.7	18.425	303.2832	88.3148	SEMBFORO
11038	11036	0.0001	1.477	1312	1.7	2.937	22.055	83.0657	SEMBFORO
11038	11036	0.0001	1.477	1313	1.7	19.704	319.3703	89.0916	SEMBFORO
11038	11036	0.0001	1.477	1314	1.7	17.947	320.104	89.4944	SUMIDERO
11038	11036	0.0001	1.477	1315	1.7	18.803	318.5345	90.1433	SUMIDERO
11038	11036	0.0001	1.477	1316	1.7	14.584	13.3426	89.2757	SEMAFORO
11038	11036	0.0001	1.477	1317	1.7	8.637	43.572	87.3746	SEMAFORO
11038	11036	0.0001	1.477	1318	1.7	6.839	265.0414	87.5448	SEMAFORO
11038	11036	0.0001	1.477	1319	1.7	13.101	281.5901	88.5127	SEMAFORO
11038	11036	0.0001	1.477	1320	1.7	11.395	281.4224	85.5346	HIDRANTE
11038	11036	0.0001	1.477	1321	1.7	14.706	282.3318	89.1627	BORDE_VIA
11038	11036	0.0001	1.477	1322	1.7	18.592	297.4905	89.3222	BORDE_VIA
11038	11036	0.0001	1.477	1323	1.7	10.645	297.3137	89.0556	BORDE_VIA
11038	11036	0.0001	1.477	1324	1.7	15.842	311.2919	89.2958	BORDE_VIA
11038	11036	0.0001	1.477	1325	1.7	8.649	299.3819	88.493	BORDE_VIA
11038	11036	0.0001	1.477	1326	1.7	16.105	316.4857	89.2825	BORDE_VIA



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11038	11036	0.0001	1.477	1327	1.7	19.288	322.3933	89.2825	BORDE_VIA
11038	11036	0.0001	1.477	1328	1.7	18.121	341.1954	89.3922	BORDE_VIA
11038	11036	0.0001	1.477	1329	1.7	7.261	259.0716	89.4321	SUMIDERO
11038	11036	0.0001	1.477	1330	1.7	6.525	255.0915	91.4049	SUMIDERO
11038	11036	0.0001	1.477	1331	1.7	7.225	168.2045	87.2721	MANHOLE
11038	11036	0.0001	1.477	1332	1.7	9.806	220.4324	88.0531	PARAMENTO
11038	11036	0.0001	1.477	1333	1.7	10.194	280.4857	88.1158	PARAMENTO
11038	11036	0.0001	1.477	1334	1.7	21.96	301.0614	89.1149	PARAMENTO
11038	11036	0.0001	1.477	1335	1.7	29.437	312.282	89.3052	PARAMENTO
11038	11036	0.0001	1.477	1336	1.7	27.449	322.4631	89.1606	PARAMENTO
11038	11036	0.0001	1.477	1337	1.7	27.489	196.0322	89.4332	PARAMENTO
11038	11036	0.0001	1.477	1338	2.6	36.585	183.5236	88.1134	PARAMENTO
11038	11036	0.0001	1.477	1339	1.7	34.264	173.3839	89.313	PARAMENTO
11038	11036	0.0001	1.477	1340	1.7	8.784	213.5711	89.5329	SUMIDERO
11038	11036	0.0001	1.477	1341	1.7	8.777	209.4111	89.3441	SUMIDERO
11038	11036	0.0001	1.477	1342	1.7	10.043	210.3449	88.5958	SUMIDERO
11038	11036	0.0001	1.477	1343	1.7	8.856	200.0035	88.4746	BORDE_VIA
11038	11036	0.0001	1.477	1344	1.7	20.852	213.2336	89.2613	BORDE_VIA
11038	11036	0.0001	1.477	1345	1.7	15.178	181.4237	89.0932	BORDE_VIA
11038	11036	0.0001	1.477	1346	1.7	22.827	199.3124	89.2917	BORDE_VIA
11038	11036	0.0001	1.477	1347	1.7	9.828	156.2244	88.3532	BORDE_VIA
11038	11036	0.0001	1.477	11039	1.7	74.37	159.4746	89.5539	DELTA
11039	11038	0	1.481	11038	1.7	74.387	0	89.4452	DELTA
11039	11038	0	1.481	11040	1.7	32.211	179.405	89.3516	DELTA
11039	11038	0	1.481	1348	2.5	54.86	3.0735	88.3849	POSTE
11039	11038	0	1.481	1349	1.7	43.519	4.5137	89.2642	POSTE
11039	11038	0	1.481	1350	1.7	24.13	9.122	88.5627	POSTE
11039	11038	0	1.481	1351	1.7	12.162	17.1438	88.0647	POSTE
11039	11038	0	1.481	1352	1.7	5.062	49.214	85.1357	POSTE
11039	11038	0	1.481	1353	1.7	54.245	0	89.3453	LINEAMIENT
11039	11038	0	1.481	1354	1.7	34.886	0	89.3316	LINEAMIENT
11039	11038	0	1.481	1355	1.7	12.16	359.5959	88.5409	LINEAMIENT
11039	11038	0	1.481	1356	1.7	5.554	111.4541	86.2431	PARAMENTO
11039	11038	0	1.481	1357	1.7	2.834	332.1744	84.3256	MANHOLE
11039	11038	0	1.481	1358	1.7	2.631	142.2229	86.49	VALVULA
11039	11038	0	1.481	1359	1.7	3.605	140.1408	87.5929	ESTRUCTURA
11039	11038	0	1.481	1360	1.7	3.354	143.56	88.0903	ESTRUCTURA
11039	11038	0	1.481	1361	1.7	10.385	166.2307	88.2135	ESTRUCTURA
11039	11038	0	1.481	1362	1.7	10.413	170.2434	88.2624	ESTRUCTURA
11039	11038	0	1.481	1363	1.7	10.026	208.2528	88.2315	ESTRUCTURA
11039	11038	0	1.481	1364	1.7	10.266	209.2331	88.2506	ESTRUCTURA
11039	11038	0	1.481	1365	1.7	10.694	217.0523	91.1359	ESTRUCTURA
11039	11038	0	1.481	1366	1.7	11.062	216.2212	91.1236	ESTRUCTURA
11039	11038	0	1.481	1367	1.7	14.524	199.0022	88.5025	ESTRUCTURA
11039	11038	0	1.481	1368	1.7	14.747	199.4402	88.5025	ESTRUCTURA
11039	11038	0	1.481	1369	1.7	16.347	199.2023	90.1743	ESTRUCTURA
11039	11038	0	1.481	1370	1.7	16.399	200.2144	90.1742	ESTRUCTURA
11039	11038	0	1.481	1371	1.7	10.681	164.1317	93.3133	DESC_CLAVE
11039	11038	0	1.481	1372	1.7	10.515	164.0412	94.5408	DESC_BATEA
11039	11038	0	1.481	1373	1.7	11.776	166.2948	89.4922	TUBO
11039	11038	0	1.481	1374	1.7	10.576	153.122	98.5012	BORDE_CANO
11039	11038	0	1.481	1375	1.7	5.045	150.5649	92.0613	ESTRUCTURA
11039	11038	0	1.481	1376	1.7	4.176	130.2615	92.3451	ESTRUCTURA
11039	11038	0	1.481	1377	1.7	4.781	143.3134	98.2743	DESC_CLAVE
11039	11038	0	1.481	1378	1.7	4.861	142.1509	106.2803	DESC_BATEA
11039	11038	0	1.481	1379	1.7	8.201	151.2624	101.0309	BORDE_CANO
11039	11038	0	1.481	1380	1.7	9.842	134.3308	99.0528	BORDE_CANO
11039	11038	0	1.481	1381	1.7	9.876	237.3353	88.0612	PARAMENTO
11039	11038	0	1.481	1382	1.7	14.728	158.0238	89.1027	PARAMENTO



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11039	11038	0	1.481	1383	1.7	10.086	208.0027	89.0824	BORDE_VIA
11039	11038	0	1.481	1384	1.7	8.841	169.1435	88.5554	BORDE_VIA
11039	11038	0	1.481	1385	1.7	11.676	214.4446	97.1529	BORDE_CANO
11039	11038	0	1.481	1386	1.7	14.584	203.2327	95.4308	BORDE_CANO
11039	11038	0	1.481	1387	1.7	16.352	222.1214	95.3258	BORDE_CANO
11039	11038	0	1.481	1388	1.7	20.36	217.145	94.2834	BORDE_CANO
11039	11038	0	1.481	1389	1.7	24.735	234.0138	93.1216	BORDE_CANO
11039	11038	0	1.481	1390	1.7	27.044	226.4547	93.1649	BORDE_CANO
11039	11038	0	1.481	1391	1.7	22.611	236.3241	91.2405	TERRENO
11039	11038	0	1.481	1392	1.7	28.636	223.2952	91.2911	TERRENO
11039	11038	0	1.481	1393	1.7	18.348	234.1912	89.2726	TERRENO
11039	11038	0	1.481	1394	1.7	24.117	215.5214	91.2717	TERRENO
11039	11038	0	1.481	1395	1.7	13.08	236.3325	87.0341	TERRENO
11039	11038	0	1.481	1396	1.7	17.643	203.1136	89.3208	TERRENO
11039	11038	0	1.481	1397	1.7	11.624	223.4851	91.1309	TERRENO
11039	11038	0	1.481	1398	1.7	9.28	225.3405	88.0942	TERRENO
11039	11038	0	1.481	1399	1.7	13.425	225.3318	89.2002	ARBOL
11039	11038	0	1.481	1400	1.7	18.652	201.0142	89.5307	ARBOL
11039	11038	0	1.481	1401	1.7	25.038	169.4521	89.2433	POSTE
11039	11038	0	1.481	1402	1.7	32.384	177.2416	89.413	BORDE_VIA
11039	11038	0	1.481	1403	1.7	28.184	189.1538	89.413	BORDE_VIA
11040	11039	0	1.456	11039	1.7	32.213	0	89.3441	DELTA
11040	11039	0	1.456	1404	1.7	25.471	0	89.3442	LINEAMIENT
11040	11039	0	1.456	1405	1.7	9.59	0	88.4704	LINEAMIENT
11040	11039	0	1.456	1406	1.7	5.619	84.2204	86.2537	PARAMENTO
11040	11039	0	1.456	1407	1.7	2.359	120.1232	85.1732	BORDE_VIA
11040	11039	0	1.456	1408	1.7	5.337	122.0835	87.204	BORDE_VIA
11040	11039	0	1.456	1409	1.7	10.856	160.5513	88.5354	BORDE_VIA
11040	11039	0	1.456	1410	1.7	13.228	140.5505	88.5351	BORDE_VIA
11040	11039	0	1.456	1411	1.7	21.658	131.1443	88.3331	PARAMENTO
11040	11039	0	1.456	1412	1.7	15.695	153.3318	88.0107	PARAMENTO
11040	11039	0	1.456	1413	1.7	16.159	158.0452	88.0255	PARAMENTO
11040	11039	0	1.456	1414	1.7	26.008	166.4526	88.4802	PARAMENTO
11040	11039	0	1.456	1415	1.7	13.305	160.1741	88.2958	POSTE
11040	11039	0	1.456	1416	1.7	14.854	175.4428	88.5241	BORDE_VIA
11040	11039	0	1.456	1417	1.7	16.073	197.0953	89.0352	BORDE_VIA
11040	11039	0	1.456	1418	1.7	8.231	214.591	88.0747	BORDE_VIA
11040	11039	0	1.456	1419	1.7	5.316	244.2957	87.3717	BORDE_VIA
11040	11039	0	1.456	1420	1.7	6.602	314.2214	88.4423	BORDE_VIA
11040	11039	0	1.456	1421	1.7	12.701	256.0319	89.0907	PARAMENTO
11040	11039	0	1.456	1422	1.7	11.82	254.3047	89.4218	POSTE
11040	11039	0	1.456	1423	1.7	11.451	224.3542	87.5732	PARAMENTO
11040	11039	0	1.456	1424	1.7	7.325	197.4623	87.2259	MANHOLE
11040	11039	0	1.456	1425	1.7	3.824	223.3153	85.4519	CAJA_TELEF
11040	11039	0	1.456	1426	1.7	13.749	171.2446	89.0716	SUMIDERO
11040	11039	0	1.456	1427	1.7	14.218	174.2025	89.1059	SUMIDERO
11040	11039	0	1.456	1428	1.7	81.34	182.3157	89.4923	MANHOLE
11040	11039	0	1.456	11041	1.7	91.64	180.0125	89.4619	DELTA
11040	11039	0	1.456	1429	3.5	35.961	172.3955	86.133	POSTE
11040	11039	0	1.456	1430	0.085	12.725	208.2151	89.5155	CAJA_TELEF
11040	11039	0	1.456	1431	0.085	12.927	209.134	89.5716	CAJA_TELEF
11040	11039	0	1.456	1432	0.085	12.441	211.3102	90.0013	CAJA_TELEF
11040	11039	0	1.456	1433	0.085	12.247	210.4145	90.0013	CAJA_TELEF
11041	11040	0	1.479	11040	1.7	91.641	0	89.562	DELTA
11041	11040	0	1.479	1434	1.7	73.95	0	89.5128	LINEAMIENT
11041	11040	0	1.479	1435	1.7	44.512	0	89.3612	LINEAMIENT
11041	11040	0	1.479	1436	1.7	12.706	0.0001	89.1043	LINEAMIENT
11041	11040	0	1.479	1437	1.7	3.375	0	86.1638	LINEAMIENT
11041	11040	0	1.479	1438	2.9	15.672	17.3021	83.2635	POSTE



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11041	11040	0	1.479	1439	1.7	5.697	107.3041	83.3207	PARAMENTO
11041	11040	0	1.479	1440	1.7	17.416	161.5054	89.0153	PARAMENTO
11041	11040	0	1.479	1441	1.7	23.261	168.0942	89.353	POSTE
11041	11040	0	1.479	1442	1.7	18.924	202.5617	89.0339	POSTE
11041	11040	0	1.479	1443	1.7	17.959	194.4714	89.4016	BORDE_VIA
11041	11040	0	1.479	1444	1.7	17.143	176.3141	89.4015	BORDE_VIA
11041	11040	0	1.479	11042	1.7	103.229	180.5153	89.5905	DELTA
11042	11041	0	1.467	11041	1.7	103.221	0	89.4611	DELTA
11042	11041	0	1.467	1445	1.7	69.387	0	89.4852	LINEAMIENT
11042	11041	0	1.467	1446	1.7	30.192	0	89.3252	LINEAMIENT
11042	11041	0	1.467	1447	1.7	7.284	0	88.1314	LINEAMIENT
11042	11041	0	1.467	12017	1.7	64.38	185.4008	89.4518	DELTA
11042	11041	0	1.467	1448	1.7	46.404	349.4854	89.3902	POSTE
11042	11041	0	1.467	1449	1.7	44.708	346.5336	89.2814	PARAMENTO
11042	11041	0	1.467	1450	1.7	34.998	350.0027	89.4733	MANHOLE
11042	11041	0	1.467	1451	1.7	30.517	341.3605	87.5738	PARAMENTO
11042	11041	0	1.467	1452	1.7	32.527	353.0743	89.4243	BORDE_VIA
11042	11041	0	1.467	1453	1.7	39.139	354.043	89.5307	BORDE_VIA
11042	11041	0	1.467	1454	1.7	30.809	4.4516	89.4759	BORDE_VIA
11042	11041	0	1.467	1455	1.7	35.681	342.3737	89.4103	BORDE_VIA
11042	11041	0	1.467	1456	1.7	39.446	344.2725	89.5824	BORDE_VIA
11042	11041	0	1.467	1457	1.7	32.859	17.4837	89.5338	BORDE_VIA
11042	11041	0	1.467	1458	1.7	36.847	16.1827	90.0212	BORDE_VIA
11042	11041	0	1.467	1459	1.7	36.327	3.3816	89.5744	BORDE_VIA
11042	11041	0	1.467	1460	1.7	10.712	299.5717	85.3822	POSTE
11042	11041	0	1.467	1461	1.5	28.537	15.0533	89.073	POSTE
11042	11041	0	1.467	1462	1.7	29.792	349.1259	89.5245	SUMIDERO
11042	11041	0	1.467	1463	1.7	29.279	348.2623	90.1139	SUMIDERO
11042	11041	0	1.467	1464	2.2	64.878	5.1855	89.1844	PARAMENTO
11042	11041	0	1.467	1465	2.2	60.512	5.4244	89.1802	PARAMENTO
11042	11041	0	1.467	1466	1.7	43.268	21.0524	88.4811	PARAMENTO
11042	11041	0	1.467	1467	1.7	37.73	6.1343	90.2646	BORDE_CANO
11042	11041	0	1.467	1468	1.7	37.845	7.3124	90.2647	BORDE_CANO
11042	11041	0	1.467	1469	1.7	49.002	4.0953	90.0932	BORDE_CANO
11042	11041	0	1.467	1470	1.7	49.293	5.203	90.0714	BORDE_CANO
11042	11041	0	1.467	1471	1.7	59.607	3.3644	90.06	BORDE_CANO
11042	11041	0	1.467	1472	1.7	59.62	4.1243	90.0741	BORDE_CANO
11042	11041	0	1.467	1473	1.7	60.77	3.5547	90.2925	DESC_BATEA
11042	11041	0	1.467	1474	1.7	60.788	3.5725	90.0907	DESC_CLAVE
11042	11041	0	1.467	1475	1.7	60.818	3.5125	90.0045	DES_DOMICI
11042	11041	0	1.467	1476	1.7	61.881	3.5014	89.4422	DES_DOMICI
11042	11041	0	1.467	1477	1.7	61.901	4.0216	89.4422	TUBO
11042	11041	0	1.467	1478	1.7	60.673	4.4815	89.4422	ESTRUCTURA
11042	11041	0	1.467	1479	1.7	60.8	4.4659	89.4422	ESTRUCTURA
11042	11041	0	1.467	1480	1.7	60.967	3.0946	89.4335	ESTRUCTURA
11042	11041	0	1.467	1481	1.7	61.056	3.091	89.4423	ESTRUCTURA
11042	11041	0	1.467	11043	1.7	28.071	8.4431	89.374	DELTA
11043	11042	0	1.428	11042	1.7	28.073	0	89.1823	DELTA
11043	11042	0	1.428	1482	1.7	8.995	192.1523	90.1238	ESTRUCTURA
11043	11042	0	1.428	1483	1.7	8.409	193.2505	90.2334	ESTRUCTURA
11043	11042	0	1.428	1484	1.7	8.709	185.215	90.0141	ESTRUCTURA
11043	11042	0	1.428	1485	1.7	8.069	186.1741	90.0141	ESTRUCTURA
11043	11042	0	1.428	1486	1.7	8.043	187.1859	89.0801	ESTRUCTURA
11043	11042	0	1.428	1487	1.7	8.41	194.0241	89.0311	ESTRUCTURA
11043	11042	0	1.428	1488	1.7	5.183	206.4046	88.3521	ESTRUCTURA
11043	11042	0	1.428	1489	1.7	4.726	196.3835	88.1427	ESTRUCTURA
11043	11042	0	1.428	1490	1.7	2.879	226.4329	88.3449	ESTRUCTURA
11043	11042	0	1.428	1491	1.7	3.449	233.5518	88.1407	ESTRUCTURA
11043	11042	0	1.428	1492	1.7	3.831	213.3816	89.5324	ESTRUCTURA



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11043	11042	0	1.428	1493	1.7	4.225	221.3237	89.3323	ESTRUCTURA
11043	11042	0	1.428	1494	1.7	4.37	204.5339	98.2413	DESC_BATEA
11043	11042	0	1.428	1495	1.7	4.359	204.4243	92.3923	DESC_CLAVE
11043	11042	0	1.428	1496	1.7	5.641	241.3535	87.5151	TUBO
11043	11042	0	1.428	1497	1.7	15.34	122.2322	89.3653	ESTRUCTURA
11043	11042	0	1.428	1498	1.7	15.986	125.1625	89.3653	ESTRUCTURA
11043	11042	0	1.428	1499	1.7	17.488	121.4941	89.4119	ESTRUCTURA
11043	11042	0	1.428	1500	1.7	16.929	119.1129	89.4401	ESTRUCTURA
11043	11042	0	1.428	1501	1.7	17.052	119.325	90.1128	ESTRUCTURA
11043	11042	0	1.428	1502	1.7	17.403	121.2919	90.0517	ESTRUCTURA
11043	11042	0	1.428	1503	1.7	18.278	119.4254	89.49	ESTRUCTURA
11043	11042	0	1.428	1504	1.7	17.969	117.3748	89.4336	ESTRUCTURA
12017	11042	0	1.483	15042	1.7	64.388	0	89.5207	DELTA
12017	11042	0	1.483	1505	1.7	47.05	0	89.4644	LINEAMIENT
12017	11042	0	1.483	1506	1.7	21.177	0	89.2415	LINEAMIENT
12017	11042	0	1.483	1507	1.7	6.312	0	88.02	LINEAMIENT
12017	11042	0	1.483	1508	1.7	124.116	40.0848	89.5244	MANHOLE
12017	11042	0	1.483	1509	1.7	38.893	356.2611	89.3815	MANHOLE
12017	11042	0	1.483	1510	1.7	27.567	343.4914	89.4155	POSTE
12017	11042	0	1.483	1511	1.7	27.619	339.3354	89.0137	PARAMENTO
12017	11042	0	1.483	1512	1.7	28.064	336.4706	89.0137	PARAMENTO
12017	11042	0	1.483	1513	1.7	34.716	37.3656	89.2358	CERRAMIENT
12017	11042	0	1.483	1514	1.7	35.594	34.35	89.1702	POSTE
12017	11042	0	1.483	1515	1.7	21.537	335.1042	89.3014	LINDERO
12017	11042	0	1.483	1516	1.7	81.55	29.1137	89.3515	CANCHA
12017	11042	0	1.483	1517	1.7	46.235	24.0638	89.385	CANCHA
12017	11042	0	1.483	1518	1.7	55.009	42.0118	89.234	CANCHA
12017	11042	0	1.483	1519	1.7	25.158	31.3825	89.1656	VALVULA
12017	11042	0	1.483	1520	1.7	6.767	310.1654	88.1308	BORDE_VIA
12017	11042	0	1.483	1521	1.7	4.565	9.363	87.4659	BORDE_VIA
12017	11042	0	1.483	1522	1.7	11.399	255.1808	88.4804	LINDERO
12017	11042	0	1.483	1523	1.7	9.002	241.5731	88.2719	BORDE_VIA
12017	11042	0	1.483	1524	1.7	13.954	100.2834	91.085	CERRAMIENT
12017	11042	0	1.483	1525	1.7	12.571	99.0734	90.3609	POSTE
12017	11042	0	1.483	1526	1.7	9.268	158.1334	86.4949	VALVULA
12017	11042	0	1.483	1527	1.7	7.992	172.551	87.4315	VALVULA
12017	11042	0	1.483	1528	1.7	14.731	175.0703	88.51	MANHOLE
12017	11042	0	1.483	1529	1.7	22.777	109.4932	90.1446	VALVULA
12017	11042	0	1.483	1530	1.5	37.466	110.1243	90.2522	POSTE
12017	11042	0	1.483	1531	1.5	36.366	103.1952	91.0403	CERRAMIENT
12017	11042	0	1.483	1532	1.7	18.544	217.3301	88.5601	POSTE
12017	11042	0	1.483	1533	1.7	30.766	157.2004	88.2315	PARAMENTO
12017	11042	0	1.483	1534	1.7	20.127	214.1724	88.5923	PARAMENTO
12017	11042	0	1.483	1535	1.7	37.478	148.5449	89.3238	PARAMENTO
12017	11042	0	1.483	1536	1.7	22.429	229.1709	89.0755	PARAMENTO
12017	11042	0	1.483	1537	1.7	35.309	147.435	89.4004	POSTE
12017	11042	0	1.483	1538	1.7	33.714	144.3036	89.4004	BORDE_VIA
12017	11042	0	1.483	1539	1.7	17.022	224.2243	89.1739	BORDE_VIA
12017	11042	0	1.483	1540	1.7	34.815	151.2523	89.3402	BORDE_VIA
12017	11042	0	1.483	1541	1.7	32.182	154.3502	89.3402	BORDE_VIA
12017	11042	0	1.483	1542	1.7	29.081	149.2706	89.3918	BORDE_VIA
12017	11042	0	1.483	1543	1.7	26.474	139.0006	89.2109	BORDE_VIA
12017	11042	0	1.483	1544	1.7	15.306	248.4729	88.503	BORDE_VIA
12017	11042	0	1.483	1545	1.7	16.489	153.5956	89.0533	BORDE_VIA
12017	11042	0	1.483	1546	1.7	9.753	163.391	87.5441	BORDE_VIA
12017	11042	0	1.483	1547	1.7	5.539	167.5058	87.4005	BORDE_VIA
12017	11042	0	1.483	12016	1.7	44.01	136.055	89.4019	DELTA
12017	11042	0	1.483	1548	1.7	31.916	103.1338	91.4822	TUBO
12016	12017	0	1.45	12017	1.5	44.01	0	89.5826	DELTA



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12016	12017	0	1.45	1549	1.5	34.73	0	89.5827	LINEAMIENT
12016	12017	0	1.45	1550	1.5	29.773	0	89.4758	LINEAMIENT
12016	12017	0	1.45	1551	1.5	27.613	0	89.5531	LINEAMIENT
12016	12017	0	1.45	1552	1.5	15.203	0	89.361	LINEAMIENT
12016	12017	0	1.45	1553	1.5	4.778	0	88.4939	LINEAMIENT
12016	12017	0	1.45	12015	1.7	65.714	161.0519	89.441	DELTA
12016	12017	0	1.45	11044	1.7	51.597	338.2557	89.4116	DELTA
11044	12016	0.0002	1.457	12016	1.7	51.595	0.0002	89.4554	DELTA
11044	12016	0	1.465	12016	1.7	51.598	0	89.463	DELTA
11044	12016	0	1.465	12017	1.7	19.376	303.245	89.2854	DELTA
11044	12016	0	1.465	1554	1.7	14.337	303.2449	89.0404	LINEAMIENT
11044	12016	0	1.465	1555	1.7	7.875	303.2449	88.2117	LINEAMIENT
11044	12016	0	1.465	1556	1.7	2.972	303.2449	84.2451	LINEAMIENT
11044	12016	0	1.465	11045	1.7	93.086	170.5414	89.5917	DELTA
11044	12016	0	1.465	1557	1.7	10.221	225.4331	89.1135	PARAMENTO
11044	12016	0	1.465	1558	1.7	23.353	188.4031	89.0928	POSTE
11044	12016	0	1.465	1559	1.7	39.337	178.4844	89.2835	MANHOLE
11044	12016	0	1.465	1560	1.7	37.678	182.1658	89.2834	PARAMENTO
11044	12016	0	1.465	1561	1.7	42.728	181.3556	89.0059	PARAMENTO
11044	12016	0	1.465	1562	2	43.637	163.17	89.2322	MANHOLE
11044	12016	0	1.465	1563	1.7	63.825	176.3635	89.4209	POSTE
11044	12016	0	1.465	1564	1.7	67.188	175.0945	89.5149	MANHOLE
11044	12016	0	1.465	1565	1.7	69.2	174.0634	89.561	BORDE_VIA
11044	12016	0	1.465	1566	2	35.148	162.3344	89.062	MANHOLE
11044	12016	0	1.465	1567	1.7	14.077	161.1606	87.1655	POSTE
11044	12016	0	1.465	1568	1.7	101.811	175.0528	90.0015	PARAMENTO
11044	12016	0	1.465	1569	2	98.475	174.3111	89.5125	POSTE
11044	12016	0	1.465	1570	2	96.561	173.2839	89.4752	SEMAFORO
11044	12016	0	1.465	1571	1.7	36.595	168.5808	89.3804	BORDE_VIA
11044	12016	0	1.465	1572	1.7	105.064	172.4535	90.0354	BORDE_VIA
11044	12016	0	1.465	1573	1.7	41.799	168.4212	89.4915	BORDE_VIA
11044	12016	0	1.465	1574	1.7	42.029	164.4605	89.4345	BORDE_VIA
11044	12016	0	1.465	1575	1.7	102.369	169.1623	90.0308	BORDE_VIA
11044	12016	0	1.465	1576	1.7	44.286	163.2532	89.5329	PARAMENTO
11044	12016	0	1.465	1577	1.7	100.327	167.2712	89.4654	SEMAFORO
11044	12016	0	1.465	1578	1.7	60.889	166.3813	89.4254	POSTE
11045	11044	0	1.474	11044	1.5	93.083	0	89.5052	DELTA
11045	11044	0	1.474	1579	1.5	80.751	0	89.4802	LINEAMIENT
11045	11044	0	1.474	1580	1.5	67.739	0	89.4341	LINEAMIENT
11045	11044	0	1.474	1581	1.5	50.849	0	89.434	LINEAMIENT
11045	11044	0	1.474	1582	1.5	25.074	0	89.3918	LINEAMIENT
11045	11044	0	1.474	1583	1.5	9.339	0	89.3918	LINEAMIENT
11045	11044	0	1.474	1584	1.7	21.392	17.4902	88.4154	PARAMENTO
11045	11044	0	1.474	1585	1.7	60.908	4.5509	89.2122	PARAMENTO
11045	11044	0	1.474	1586	1.7	59.208	5.1541	89.2412	MANHOLE
11045	11044	0	1.474	1587	1.7	59.149	4.44	89.2412	MANHOLE
11045	11044	0	1.474	1588	1.7	59.788	4.4232	89.2412	MANHOLE
11045	11044	0	1.474	1589	1.7	59.819	5.0847	89.2412	MANHOLE
11045	11044	0	1.474	1590	1.7	19.719	217.4241	89.3226	BORDE_VIA
11045	11044	0	1.474	1591	1.7	18.955	219.4542	88.1925	SEMAFORO
11045	11044	0	1.474	1592	1.7	24.465	201.3745	89.1055	SEMAFORO
11045	11044	0	1.474	1593	1.7	25.095	192.3623	89.2708	SEMAFORO
11045	11044	0	1.474	1594	1.7	17.727	152.0044	88.1507	SEMAFORO
11045	11044	0	1.474	1595	1.7	20.199	163.2006	88.4524	POSTE
11045	11044	0	1.474	1596	1.7	24.439	203.5027	89.4223	BORDE_VIA
11045	11044	0	1.474	1597	1.7	17.418	167.2523	89.2631	BORDE_VIA
11045	11044	0	1.474	1598	1.7	21.292	195.2141	89.372	BORDE_VIA
11045	11044	0	1.474	1599	1.7	19.293	128.1713	89.2435	BORDE_VIA
11045	11044	0	1.474	1600	1.7	13.346	115.0306	89.0739	BORDE_VIA



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11045	11044	0	1.474	1601	1.7	22.715	188.173	89.4233	BORDE_VIA
11045	11044	0	1.474	1602	1.7	19.952	181.4157	89.2556	CAMA_TELEF
11045	11044	0	1.474	1603	1.7	7.871	97.0636	86.4741	PARAMENTO
11045	11044	0	1.474	1604	1.7	20.62	173.0606	89.2954	MANHOLE
11045	11044	0	1.474	1605	1.7	15.068	174.4105	89.1422	MANHOLE
11045	11044	0	1.474	1606	1.7	17.303	161.3417	88.4432	VALVULA
11045	11044	0	1.474	1607	1.7	18.244	165.3939	89.5654	SUMIDERO
11045	11044	0	1.474	1608	1.7	17.695	166.5045	89.4115	SUMIDERO
11045	11044	0	1.474	1609	1.7	21.734	161.1133	88.4336	PARAMENTO
11045	11044	0	1.474	1610	1.7	33.96	210.3222	89.4231	PARAMENTO
11045	11044	0	1.474	1611	1.7	27.334	198.3825	89.3945	PARAMENTO
11045	11044	0	1.474	1612	1.7	26.949	120.0614	88.4417	PARAMENTO
11045	11044	0	1.474	1613	2	28.585	194.0909	89.0117	PARAMENTO
11045	11044	0	1.474	1614	1.7	33.063	192.0426	89.4046	PARAMENTO
11045	11044	0	1.474	1615	1.7	33.357	189.2412	89.4403	POSTE
11045	11044	0	1.474	1616	1.7	45.824	173.1428	89.4622	POSTE
11045	11044	0	1.474	1617	2.9	54.815	186.0723	88.4912	POSTE
11045	11044	0	1.474	1618	1.7	41.06	174.541	89.5239	MANHOLE
11045	11044	0	1.474	1619	1.7	42.875	176.0658	90.0755	BORDE_VIA
11045	11044	0	1.474	1620	1.7	42.064	183.4929	90.0452	BORDE_VIA
11045	11044	0	1.474	11046	1.7	98.833	179.4835	90.0839	DELTA
11045	11044	0	1.474	1621	1.7	23.659	171.0058	89.0759	SEMAFORO
11045	11044	0	1.474	1622	1.7	12.336	102.2545	88.2155	MANHOLE
11046	11045	0	1.48	11045	1.7	98.848	0	89.3719	DELTA
11046	11045	0	1.48	1623	1.7	68.65	0	89.3637	LINEAMIENT
11046	11045	0	1.48	1624	1.7	42.568	0.0001	89.2952	LINEAMIENT
11046	11045	0	1.48	1625	1.7	10.862	0.0001	88.3712	LINEAMIENT
11046	11045	0	1.48	1626	1.7	16.796	15.5003	89.2215	POSTE
11046	11045	0	1.48	1627	2.9	7.702	309.0612	79.1846	POSTE
11046	11045	0	1.48	1628	1.7	6.096	96.4244	87.5507	PARAMENTO
11046	11045	0	1.48	1629	1.7	33.322	191.4013	88.5908	POSTE
11046	11045	0	1.48	1630	1.7	18.585	168.3221	89.1958	POSTE
11046	11045	0	1.48	1631	1.7	70.1	186.2054	89.4733	POSTE
11046	11045	0	1.48	1632	1.7	30.373	170.12	89.4046	PARAMENTO
11046	11045	0	1.48	1633	2.3	72.909	187.3726	89.1648	PARAMENTO
11046	11045	0	1.48	1634	1.5	55.123	176.5502	89.4933	POSTE
11046	11045	0	1.48	1635	1.7	72.833	184.1642	90.0253	BORDE_VIA
11046	11045	0	1.48	1636	1.7	73.089	179.5523	89.4952	BORDE_VIA
11046	11045	0	1.48	1637	1.7	98.46	183.195	90.044	BORDE_VIA
11046	11045	0	1.48	1638	1.7	98.587	180.1139	90.0609	BORDE_VIA
11046	11045	0	1.48	11047	1.7	98.639	181.2921	90.0322	DELTA
11047	11046	0	1.458	11046	1.7	98.641	0	89.4023	DELTA
11047	11046	0	1.458	1639	1.7	78.865	0.0001	89.3754	LINEAMIENT
11047	11046	0	1.458	1640	1.7	53.976	0.0001	89.3333	LINEAMIENT
11047	11046	0	1.458	1641	1.7	21.801	0	89.0006	LINEAMIENT
11047	11046	0	1.458	1642	1.7	7.936	0	87.4408	LINEAMIENT
11047	11046	0	1.458	1643	1.7	8.993	70.164	83.2002	PARAMENTO
11047	11046	0	1.458	1644	1.7	8.921	103.4321	83.0857	PARAMENTO
11047	11046	0	1.458	1645	1.7	5.598	116.1612	90.4434	PARAMENTO
11047	11046	0	1.458	1646	0.085	22.778	342.5248	91.3447	PARAMENTO
11047	11046	0	1.458	1647	1.7	7.883	300.0528	84.5923	PARAMENTO
11047	11046	0	1.458	1648	1.7	8.459	291.0032	85.1741	PARAMENTO
11047	11046	0	1.458	1649	1.7	5.039	270.2359	88.4322	MANHOLE
11047	11046	0	1.458	1650	1.7	6.084	277.1733	88.3843	POSTE
11047	11046	0	1.458	1651	1.7	13.858	282.235	89.48	PARAMENTO
11047	11046	0	1.458	1652	1.7	18.554	158.2129	89.342	PARAMENTO
11047	11046	0	1.458	1653	1.7	21.535	160.0319	90.1011	POSTE
11047	11046	0	1.458	1654	1.7	21.464	164.391	89.4438	BORDE_VIA
11047	11046	0	1.458	1655	1.7	20.882	177.2803	89.2942	BORDE_VIA



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11047	11046	0	1.458	1656	1.7	31.209	173.5439	89.3419	BORDE_VIA
11047	11046	0	1.458	1657	1.7	30.497	165.51	89.5247	BORDE_VIA
11047	11046	0	1.458	1658	1.7	30.531	158.483	89.5246	BORDE_VIA
11047	11046	0	1.458	1659	1.7	31.779	163.5054	90.0328	PARAMENTO
11047	11046	0	1.458	1660	1.7	32.374	158.2614	89.5501	PARAMENTO
11047	11046	0	1.458	1661	1.7	40.633	165.0057	90.0206	PARAMENTO
11047	11046	0	1.458	1662	1.7	22.967	160.4806	90.0511	BORDE_VIA
11047	11046	0	1.458	1663	1.7	26.98	165.3758	89.4606	MANHOLE
11047	11046	0	1.458	1664	1.7	4.018	113.5513	87.4617	POSTE
11047	11046	0	1.458	1665	1.7	4.723	133.2202	89.1018	ESTRUCTURA
11047	11046	0	1.458	1666	1.7	4.191	140.1754	87.254	ESTRUCTURA
11047	11046	0	1.458	1667	1.7	3.378	127.4925	89.3906	ESTRUCTURA
11047	11046	0	1.458	1668	1.7	3.96	122.2335	87.4432	ESTRUCTURA
11047	11046	0	1.458	1669	1.7	32.916	273.5046	90.3445	BORDE_VIA
11047	11046	0	1.458	1670	1.7	32.648	279.5112	90.2124	BORDE_VIA
11047	11046	0	1.458	1671	1.7	32.914	272.1921	90.5233	BORDE_CANO
11047	11046	0	1.458	1672	2.2	27.157	269.5949	89.5517	DES_DOMICI
11047	11046	0	1.458	1673	2.2	26.758	272.5022	89.432	DES_DOMICI
11047	11046	0	1.458	1674	1.7	20.08	267.3758	90.5112	DES_DOMICI
11047	11046	0	1.458	1675	1.7	20.008	268.3005	90.5025	DES_DOMICI
11047	11046	0	1.458	1676	1.7	19.423	266.5704	91.4426	BORDE_CANO
11047	11046	0	1.458	1677	1.7	15.108	254.5408	92.1304	BORDE_CANO
11047	11046	0	1.458	1678	1.7	19.619	265.5527	90.5915	ARBOL
11047	11046	0	1.458	1679	1.7	10.658	239.4507	89.4804	ARBOL
11047	11046	0	1.458	1680	1.7	11.738	223.5714	91.2743	DES_DOMICI
11047	11046	0	1.458	1681	1.7	11.708	223.5418	90.5817	DES_DOMICI
11047	11046	0	1.458	1682	1.7	9.409	235.4358	90.4312	DES_DOMICI
11047	11046	0	1.458	1683	1.7	9.083	236.1349	92.042	ESTRUCTURA
11047	11046	0	1.458	1684	1.7	8.395	235.0503	92.1933	ESTRUCTURA
11047	11046	0	1.458	1685	1.7	8.095	241.2917	89.3818	ESTRUCTURA
11047	11046	0	1.458	1686	1.7	8.456	236.4755	89.3505	ESTRUCTURA
11047	11046	0	1.458	1687	1.7	9.443	239.0023	89.4624	ESTRUCTURA
11047	11046	0	1.458	1688	1.7	8.809	245.5045	89.4624	ESTRUCTURA
11047	11046	0	1.458	1689	1.7	7.572	233.1324	89.2129	ESTRUCTURA
11047	11046	0	1.458	1690	1.7	7.102	237.4827	89.3215	ESTRUCTURA
11047	11046	0	1.458	1691	1.7	9.685	227.0406	92.3606	BORDE_CANO
11047	11046	0	1.458	1692	2.4	9.479	225.4024	88.3521	BORDE_CANO
11047	11046	0	1.458	1693	2.4	11.942	221.4003	89.3809	BORDE_CANO
11047	11046	0	1.458	1694	2.4	11.5	217.4427	89.164	BORDE_CANO
11047	11046	0	1.458	1695	1.7	12.224	194.301	91.4534	BORDE_CANO
11047	11046	0	1.458	1696	1.7	12.291	190.5046	91.1131	BORDE_CANO
11047	11046	0	1.458	1697	1.7	11.357	207.3328	89.2745	TERRENO
11047	11046	0	1.458	1698	1.7	10.271	206.4844	89.2414	TERRENO
11047	11046	0	1.458	1699	1.7	10.364	202.3944	90.0932	TERRENO
11047	11046	0	1.458	1700	1.7	11.404	201.2416	92.1718	TERRENO
11047	11046	0	1.458	1701	1.7	10.078	204.2524	89.2453	TERRENO
11047	11046	0	1.458	1702	1.7	10.293	204.4411	95.2845	TERRENO
11047	11046	0	1.458	1703	1.7	22.751	180.124	91.0606	BORDE_CANO
11047	11046	0	1.458	1704	1.7	22.625	180.3916	90.0908	DESC_CLAVE
11047	11046	0	1.458	1705	1.7	22.63	180.3652	90.3706	DESC_BATEA
11047	11046	0	1.458	1706	1.7	22.292	171.361	89.3142	TUBO
11047	11046	0	1.458	1707	1.7	22.416	161.2609	90.2458	TUBO
11047	11046	0	1.458	1708	1.7	20.859	181.3639	92.3012	DESC_BATEA
11047	11046	0	1.458	1709	1.7	20.947	181.33	91.4512	DESC_CLAVE
11047	11046	0	1.458	1710	1.7	20.493	177.2659	89.2839	TUBO
11047	11046	0	1.458	1711	0.085	25.942	184.0306	91.5714	TUBO
11047	11046	0	1.458	1712	1.7	28.767	194.3344	88.3909	TUBO
11047	11046	0	1.458	1713	2.5	27.947	195.2636	87.4747	PUENTE
11047	11046	0	1.458	1714	2.5	28.288	195.2112	87.4518	PUENTE



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11047	11046	0	1.458	1715	2.5	27.895	194.1914	87.3221	PUENTE
11047	11046	0	1.458	1716	2.5	28.15	194.0401	87.0334	PUENTE
11047	11046	0	1.458	1717	2.5	28.356	193.5724	87.0633	PUENTE
11047	11046	0	1.458	1718	0.085	35.026	188.142	91.4013	PUENTE
11047	11046	0	1.458	1719	0.085	26.191	186.0109	92.1446	PUENTE
11047	11046	0	1.458	1720	0.085	25.427	185.3257	92.5401	PUENTE
11047	11046	0	1.458	1721	0.085	33.305	181.4315	91.4453	PUENTE
11047	11046	0	1.458	1722	0.085	25.598	185.2807	92.5109	PUENTE
11047	11046	0	1.458	1723	1.7	22.824	180.1403	90.2705	PUENTE
11047	11046	0	1.458	1724	1.7	33.872	176.2751	89.5417	PARAMENTO
11047	11046	0	1.458	1725	1.7	34.032	180.112	89.4228	PARAMENTO
11047	11046	0	1.458	1726	2.4	24.872	195.4325	88.155	PARAMENTO
11047	11046	0	1.458	1727	2.4	27.368	192.5547	88.5212	BORDE_CANO
11047	11046	0	1.458	1728	2.4	25.109	193.2759	89.36	BORDE_CANO
11047	11046	0	1.458	1729	2.4	21.239	192.0345	89.4558	BORDE_CANO
11047	11046	0	1.458	1730	2.4	16.374	209.5435	89.492	BORDE_CANO
11047	11046	0	1.458	1731	0.085	35.823	187.2305	91.4324	PARAMENTO
11047	11046	0	1.458	1732	1.7	24.43	259.4044	91.2936	BORDE_CANO
11047	11046	0	1.458	1733	1.7	25.153	255.3506	90.4218	PARAMENTO
11047	11046	0	1.458	1734	1.7	34.395	267.3118	90.4831	BORDE_CANO
11047	11046	0	1.458	1735	1.7	33.886	180.3549	89.2841	DESCARGA
11047	11046	0	1.458	1736	1.7	33.429	179.4115	89.2636	DESCARGA
11047	11046	0	1.458	1737	1.7	36.431	189.5718	89.1059	DESCARGA
11047	11046	0	1.458	1738	1.7	36.132	191.3209	89.11	DESCARGA
11047	11046	0	1.458	11048	1.7	39.298	170.5358	90.1227	DELTA
11047	11046	0	1.458	1739	1.7	31.302	165.4806	90.0113	DESCARGA
11047	11046	0	1.458	1740	1.7	31.941	165.4237	90.1227	DESCARGA
11047	11046	0	1.458	1741	1.7	31.914	164.3535	90.0328	DESCARGA
11047	11046	0	1.458	1742	1.7	31.244	164.3539	90.0328	DESCARGA
11047	11046	0	1.458	1743	1.7	7.359	235.1152	92.4532	DESC_BATEA
11047	11046	0	1.458	1744	1.7	7.219	235.1833	89.4114	DESC_CLAVE
11048	11047	0	1.454	11047	1.7	39.303	0	89.0514	DELTA
11048	11047	0	1.454	1745	1.7	33.086	0	88.5318	LINEAMIENT
11048	11047	0	1.454	1746	1.7	20.572	0.0002	88.2112	LINEAMIENT
11048	11047	0	1.454	1747	1.7	10.667	0	86.5155	LINEAMIENT
11048	11047	0	1.454	1748	1.7	8.099	0	86.5641	LINEAMIENT
11048	11047	0	1.454	1749	1.7	3.69	0.0001	85.5719	LINEAMIENT
11048	11047	0	1.454	1750	1.7	16.757	15.0916	88.2017	VALVULA
11048	11047	0	1.454	1751	2.6	20.451	26.1745	86.3249	POSTE
11048	11047	0	1.454	1752	1.7	3.577	254.214	87.0804	PARAMENTO
11048	11047	0	1.454	1753	1.7	2.661	248.1943	84.514	PARAMENTO
11048	11047	0	1.454	1754	1.7	4.865	213.2858	86.2709	PARAMENTO
11048	11047	0	1.454	1755	3.4	6.223	221.0528	71.3128	POSTE
11048	11047	0	1.454	1756	1.7	19.453	172.0111	88.5833	PARAMENTO
11048	11047	0	1.454	1757	1.7	20.58	176.1941	88.5833	PARAMENTO
11048	11047	0	1.454	1758	1.7	19.548	179.4254	89.1559	POSTE
11048	11047	0	1.454	1759	1.7	10.852	203.4907	88.0253	ESTRUCTURA
11048	11047	0	1.454	1760	1.7	10.551	204.1458	87.5722	ESTRUCTURA
11048	11047	0	1.454	1761	1.7	10.955	208.2653	88.09	ESTRUCTURA
11048	11047	0	1.454	1762	1.7	11.184	208.0137	88.1626	ESTRUCTURA
11048	11047	0	1.454	1763	1.7	11.001	208.3637	87.4645	ESTRUCTURA
11048	11047	0	1.454	1764	1.7	11.097	209.5403	87.5206	ESTRUCTURA
11048	11047	0	1.454	1765	1.7	35.164	196.3633	89.1058	ESTRUCTURA
11048	11047	0	1.454	1766	1.7	35.166	197.0034	89.1332	ESTRUCTURA
11048	11047	0	1.454	1767	1.7	19.307	202.0437	90.2803	DES_DOMICI
11048	11047	0	1.454	1768	1.7	19.096	194.4928	89.4824	DES_DOMICI
11048	11047	0	1.454	1769	1.7	24.995	184.35	89.3729	BORDE_VIA
11048	11047	0	1.454	1770	1.7	41.047	194.103	89.3422	POSTE
11048	11047	0	1.454	1771	1.7	42.184	185.4313	89.0803	POSTE



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11048	11047	0	1.454	1772	1.7	27.631	198.461	90.1446	DESC_CLAVE
11048	11047	0	1.454	1773	1.7	27.669	198.471	90.3152	DESC_BATEA
11048	11047	0	1.454	1774	1.7	27.359	195.5047	89.4148	TUBO
11048	11047	0	1.454	1775	1.7	25.595	195.2012	89.4451	BORDE_VIA
11048	11047	0	1.454	1776	1.7	42.723	185.074	89.0159	PARAMENTO
11048	11047	0	1.454	1777	1.7	35.479	195.4353	89.3553	PARAMENTO
11048	11047	0	1.454	1778	1.7	68.36	192.5926	89.2108	POSTE
11048	11047	0	1.454	1779	1.7	75.265	192.3914	89.3506	POSTE
11048	11047	0	1.454	1780	1.7	75.135	191.5833	89.2831	MANHOLE
11048	11047	0	1.454	1781	1.7	77.785	188.5822	89.3826	MANHOLE
11048	11047	0	1.454	1782	1.7	75.45	191.2845	89.3637	BORDE_VIA
11048	11047	0	1.454	1783	1.7	74.706	193.1546	89.23	PARAMENTO
11048	11047	0	1.454	1784	1.7	11.099	209.5825	91.0207	BORDE_CANO
11048	11047	0	1.454	1785	1.7	21.475	201.1521	90.4421	BORDE_CANO
11048	11047	0	1.454	1786	1.7	35.58	201.3847	90.2221	BORDE_CANO
11048	11047	0	1.454	1787	1.7	72.783	191.5218	89.3241	MANHOLE
11048	11047	0	1.454	1788	1.7	72.431	191.114	89.3344	MANHOLE
11048	11047	0	1.454	1789	1.7	71.537	191.2715	89.3343	MANHOLE
11048	11047	0	1.454	1790	1.7	52.932	186.0613	88.5429	PARAMENTO
11048	11047	0	1.454	11049	1.7	73.026	188.0009	89.3921	DELTA
11049	11048	0	1.456	11048	1.7	73.03	0	89.5703	DELTA
11049	11048	0	1.456	1791	1.7	53.431	0	90.0348	LINEAMIENT
11049	11048	0	1.456	1792	1.7	46.265	0	90.0143	LINEAMIENT
11049	11048	0	1.456	1793	1.7	40.325	0	89.5743	LINEAMIENT
11049	11048	0	1.456	1794	1.7	28.072	0	89.3704	LINEAMIENT
11049	11048	0	1.456	1795	1.7	14.112	0	89.1624	LINEAMIENT
11049	11048	0	1.456	1796	1.7	3.697	0.0001	86.1138	LINEAMIENT
11049	11048	0	1.456	1797	1.7	8.757	23.0338	86.4511	PARAMENTO
11049	11048	0	1.456	1798	1.7	8.418	36.0454	86.4509	PARAMENTO
11049	11048	0	1.456	1799	1.7	20.897	53.31	88.4422	PARAMENTO
11049	11048	0	1.456	1800	1.7	11.728	159.3357	86.4317	PARAMENTO
11049	11048	0	1.456	1801	1.7	27.549	160.522	88.4257	PARAMENTO
11049	11048	0	1.456	1802	1.7	33.033	176.294	88.2401	PARAMENTO
11049	11048	0	1.456	1803	1.7	14.449	193.4641	86.2947	PARAMENTO
11049	11048	0	1.456	1804	1.7	18.074	209.2619	88.1203	PARAMENTO
11049	11048	0	1.456	1805	1.7	20.604	67.4031	89.284	BORDE_VIA
11049	11048	0	1.456	1806	1.7	21.843	86.503	89.2541	BORDE_VIA
11049	11048	0	1.456	1807	1.7	8.315	12.4955	88.2533	POSTE
11049	11048	0	1.456	1808	1.7	3.47	71.374	86.2905	BORDE_VIA
11049	11048	0	1.456	1809	2.4	16.281	115.341	85.0816	PARAMENTO
11049	11048	0	1.456	1810	1.7	14.558	108.4839	87.1506	POSTE
11049	11048	0	1.456	1811	1.7	12.713	255.1734	86.4214	PARAMENTO
11049	11048	0	1.456	1812	1.7	8.892	154.3533	88.4056	SUMIDERO
11049	11048	0	1.456	1813	1.7	8.374	159.5102	88.2631	SUMIDERO
11049	11048	0	1.456	1814	1.7	11.181	196.4701	88.263	SUMIDERO
11049	11048	0	1.456	1815	1.7	12.123	197.3529	88.2629	SUMIDERO
11049	11048	0	1.456	1816	1.7	10.66	195.2235	88.0315	BORDE_VIA
11049	11048	0	1.456	1817	1.7	8.36	170.5921	88.0316	BORDE_VIA
11049	11048	0	1.456	1818	1.7	16.379	167.5453	88.2241	BORDE_VIA
11049	11048	0	1.456	1819	1.7	17.192	181.3834	88.4533	BORDE_VIA
11049	11048	0	1.456	1820	1.7	12.869	240.364	87.182	BORDE_VIA
11049	11048	0	1.456	1821	1.7	14.648	215.391	87.4652	BORDE_VIA
11049	11048	0	1.456	1822	1.7	12.857	244.1623	87.3056	BORDE_VIA
11049	11048	0	1.456	1823	1.7	15.157	212.5356	87.5133	BORDE_VIA
11049	11048	0	1.456	1824	1.7	14.478	243.5329	85.3755	PUENTE
11049	11048	0	1.456	1825	1.7	14.463	241.0024	85.3755	PUENTE
11049	11048	0	1.456	1826	1.7	16.645	216.5141	86.1523	PUENTE
11049	11048	0	1.456	1827	1.7	16.371	219.101	86.0938	PUENTE
11049	11048	0	1.456	1828	1.7	16.365	240.4023	86.421	PUENTE



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11049	11048	0	1.456	1829	1.7	16.381	219.3557	87.0851	PUENTE
11049	11048	0	1.456	1830	1.7	18.999	244.1815	86.3408	PUENTE
11049	11048	0	1.456	1831	1.7	19.011	242.0332	86.3644	PUENTE
11049	11048	0	1.456	1832	1.7	19.007	241.5436	87.2752	PUENTE
11049	11048	0	1.456	1833	1.7	20.948	222.5408	87.0857	PUENTE
11049	11048	0	1.456	1834	1.7	20.651	225.0001	87.0732	PUENTE
11049	11048	0	1.456	1835	1.7	20.694	225.1606	87.5358	PUENTE
11049	11048	0	1.456	1836	1.7	21.833	242.3445	88.473	PUENTE
11049	11048	0	1.456	1837	2.9	21.969	245.1533	85.4336	PUENTE
11049	11048	0	1.456	1838	1.7	21.694	223.5712	87.5354	PUENTE
11049	11048	0	1.456	1839	2.9	18.873	245.1412	87.5357	BORDE_CANO
11049	11048	0	1.456	1840	2.9	14.045	245.2215	86.4745	BORDE_CANO
11049	11048	0	1.456	1841	2.9	13.112	253.0411	86.2049	BORDE_CANO
11049	11048	0	1.456	1842	2.9	17.954	211.0431	88.1538	DESC_BATEA
11049	11048	0	1.456	1843	2.9	17.613	210.2001	86.2813	DESC_CLAVE
11049	11048	0	1.456	1844	1.5	17.176	208.5101	87.4708	TUBO
11049	11048	0	1.456	1845	2.9	16.744	213.2326	87.3357	BORDE_CANO
11049	11048	0	1.456	11050	1.7	84.87	238.4238	89.3455	DELTA
11050	11049	0	1.472	11049	1.7	84.864	0	90.0619	DELTA
11050	11049	0	1.472	1846	1.7	51.399	356.0116	90.0721	BORDE_VIA
11050	11049	0	1.472	1847	1.7	52.546	351.2104	90.2217	BORDE_VIA
11050	11049	0	1.472	1848	1.7	44.844	349.0542	90.1207	BORDE_VIA
11050	11049	0	1.472	1849	1.7	41.857	353.3245	90.0036	BORDE_VIA
11050	11049	0	1.472	1850	1.7	39.393	5.0717	90.0726	BORDE_VIA
11050	11049	0	1.472	1851	1.7	39.423	348.1711	89.4809	PARAMENTO
11050	11049	0	1.472	1852	1.7	33.873	348.403	89.4709	POSTE
11050	11049	0	1.472	1853	1.7	30.852	6.591	90.055	POSTE
11050	11049	0	1.472	1854	1.7	4.744	103.5517	83.305	POSTE
11050	11049	0	1.472	11051	1.7	58.26	188.4944	89.4929	DELTA
11051	11050	0.0002	1.459	11050	1.7	58.268	0.0002	89.4318	DELTA
11051	11050	0.0002	1.459	11050	1.7	58.254	0	89.4318	DELTA
11051	11050	0.0002	1.459	11052	1.7	98.041	276.5805	89.4329	DELTA
11051	11050	0.0002	1.459	1855	1.7	8.99	2.3718	88.495	BORDE_VIA
11051	11050	0.0002	1.459	1856	1.7	13.06	48.4823	89.5532	BORDE_VIA
11051	11050	0.0002	1.459	1857	1.7	8.705	98.4857	89.2103	BORDE_VIA
11051	11050	0.0002	1.459	1858	1.7	0.852	192.1644	74.2645	BORDE_VIA
11051	11050	0.0002	1.459	1859	1.7	4.655	220.2908	86.2346	BORDE_VIA
11051	11050	0.0002	1.459	1860	1.7	9.576	196.5954	88.3909	BORDE_VIA
11051	11050	0.0002	1.459	1861	1.7	13.235	229.125	89.0455	BORDE_VIA
11051	11050	0.0002	1.459	1862	1.7	11.075	248.2847	88.4234	BORDE_VIA
11051	11050	0.0002	1.459	1863	1.7	12.398	264.0235	88.4058	BORDE_VIA
11051	11050	0.0002	1.459	1864	1.7	14.992	269.1703	89.0625	BORDE_VIA
11051	11050	0.0002	1.459	1865	1.7	22.477	270.5217	89.1824	BORDE_VIA
11051	11050	0.0002	1.459	1866	1.7	24.875	293.32	88.554	BORDE_VIA
11051	11050	0.0002	1.459	1867	1.7	13.848	315.1152	88.2344	BORDE_VIA
11051	11050	0.0002	1.459	1868	1.7	20.044	321.1317	88.4327	PARAMENTO
11051	11050	0.0002	1.459	1869	1.7	7.374	304.3144	87.1431	MANHOLE
11051	11050	0.0002	1.459	1870	1.7	3.14	165.2933	89.33	PARAMENTO
11051	11050	0.0002	1.459	1871	1.7	4.83	190.4513	89.3907	PARAMENTO
11052	11051	0	1.478	11051	1.7	98.044	0	90.0147	DELTA
11052	11051	0	1.478	11053	1.7	106.879	170.081	90.042	DELTA
11052	11051	0	1.478	1872	1.7	16.122	136.5602	89.2409	PARAMENTO
11052	11051	0	1.478	1873	1.7	14.814	132.1339	89.2035	PARAMENTO
11052	11051	0	1.478	1874	1.7	11.077	64.5002	87.2455	PARAMENTO
11052	11051	0	1.478	1875	1.7	10.973	70.5057	87.2453	PARAMENTO
11052	11051	0	1.478	1876	1.7	11.205	72.2625	87.2922	PARAMENTO
11052	11051	0	1.478	1877	1.7	28.172	108.3829	89.3704	PARAMENTO
11052	11051	0	1.478	1878	1.7	12.146	75.0759	87.4116	PARAMENTO
11052	11051	0	1.478	1879	1.7	17.387	78.2121	88.2411	PARAMENTO



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11052	11051	0	1.478	1880	1.7	32.162	157.4656	89.3535	PARAMENTO
11052	11051	0	1.478	1881	1.7	29.391	161.0433	89.5908	BORDE_VIA
11052	11051	0	1.478	1882	1.7	19.499	85.3006	89.1302	BORDE_VIA
11052	11051	0	1.478	1883	1.7	28.465	175.4839	89.5154	BORDE_VIA
11052	11051	0	1.478	1884	1.7	10.199	84.5416	88.4419	BORDE_VIA
11052	11051	0	1.478	1885	1.7	7.507	65.3634	88.1437	BORDE_VIA
11052	11051	0	1.478	1886	1.7	4.592	356.1954	86.5446	BORDE_VIA
11052	11051	0	1.478	1887	1.7	3.912	257.1757	86.4807	BORDE_VIA
11052	11051	0	1.478	1888	1.7	8.581	211.0913	88.4231	BORDE_VIA
11052	11051	0	1.478	1889	1.7	9.448	184.3214	88.5148	BORDE_VIA
11052	11051	0	1.478	1890	1.7	33.142	179.2132	89.3452	PARAMENTO
11052	11051	0	1.478	1891	1.7	10.956	206.3735	88.2949	PARAMENTO
11052	11051	0	1.478	1892	1.7	42.996	178.2613	89.2445	PARAMENTO
11052	11051	0	1.478	1893	1.7	16.719	231.185	88.5152	PARAMENTO
11052	11051	0	1.478	1894	1.7	10.326	269.3909	88.3012	PARAMENTO
11052	11051	0	1.478	1895	1.7	2.816	277.2958	86.0834	PARAMENTO
11052	11051	0	1.478	1896	1.7	6.647	329.5101	87.5349	PARAMENTO
11052	11051	0	1.478	1897	1.7	14.235	144.3322	89.4832	BORDE_VIA
11052	11051	0	1.478	1898	1.7	12.484	137.3759	89.0615	BORDE_VIA
11052	11051	0	1.478	1899	1.7	12.448	131.12	88.534	BORDE_VIA
11052	11051	0	1.478	1900	1.7	16.417	118.1857	89.084	BORDE_VIA
11052	11051	0	1.478	1901	1.7	3.892	144.2207	86.3551	MANHOLE
11052	11051	0	1.478	1902	1.5	36.099	199.0408	89.4017	PARAMENTO
11052	11051	0	1.478	1903	1.7	1.903	306.1507	83.2641	POSTE
11052	11051	0	1.478	1904	1.5	9.538	209.0236	89.3312	POSTE
11053	11052	0.0001	1.47	11052	1.7	106.875	0.0001	89.4033	DELTA
11053	11052	0.0001	1.47	11054	1.7	69.933	188.5316	89.344	DELTA
11053	11052	0.0001	1.47	1905	1.7	14.234	60.2329	88.3811	BORDE_VIA
11053	11052	0.0001	1.47	1906	1.7	10.043	85.1729	88.0759	BORDE_VIA
11053	11052	0.0001	1.47	1907	1.7	10.979	40.2354	88.4233	BORDE_VIA
11053	11052	0.0001	1.47	1908	1.7	4.577	67.1944	86.4239	BORDE_VIA
11053	11052	0.0001	1.47	1909	1.7	12.288	12.0211	89.0302	BORDE_VIA
11053	11052	0.0001	1.47	1910	1.7	2.207	71.0433	84.1902	BORDE_VIA
11053	11052	0.0001	1.47	1911	1.7	16.31	3.5435	89.1722	BORDE_VIA
11053	11052	0.0001	1.47	1912	1.7	1.16	118.5442	79.315	BORDE_VIA
11053	11052	0.0001	1.47	1913	1.7	2.955	180.3126	85.2342	BORDE_VIA
11053	11052	0.0001	1.47	1914	1.7	12.889	320.5057	89.2326	BORDE_VIA
11053	11052	0.0001	1.47	1915	1.7	16.454	309.4254	89.111	BORDE_VIA
11053	11052	0.0001	1.47	1916	1.7	15.424	296.0208	89.1352	BORDE_VIA
11053	11052	0.0001	1.47	1917	1.7	6.793	187.3224	87.504	BORDE_VIA
11053	11052	0.0001	1.47	1918	1.7	10.688	302.4636	88.5522	BORDE_VIA
11053	11052	0.0001	1.47	1919	1.7	9.758	229.3627	88.3359	BORDE_VIA
11053	11052	0.0001	1.47	1920	1.7	7.754	296.4106	88.2259	BORDE_VIA
11053	11052	0.0001	1.47	1921	1.7	10.599	305.2001	89.0213	SUMIDERO
11053	11052	0.0001	1.47	1922	1.7	9.645	303.1206	88.5047	SUMIDERO
11053	11052	0.0001	1.47	1923	1.7	12.209	316.5159	89.3851	SUMIDERO
11053	11052	0.0001	1.47	1924	1.7	11.414	316.2534	89.3851	SUMIDERO
11053	11052	0.0001	1.47	1925	1.7	10.6	334.4049	89.0845	MANHOLE
11053	11052	0.0001	1.47	1926	1.7	14.065	1.2335	89.0229	MANHOLE
11053	11052	0.0001	1.47	1927	1.7	13.918	23.4349	87.4255	PARAMENTO
11053	11052	0.0001	1.47	1928	1.7	18.772	55.0654	88.2116	PARAMENTO
11053	11052	0.0001	1.47	1929	1.7	15.863	322.1248	88.1418	PARAMENTO
11053	11052	0.0001	1.47	1930	1.7	19.809	332.1954	88.3018	PARAMENTO
11053	11052	0.0001	1.47	1931	1.7	5.983	87.3251	83.0207	PARAMENTO
11053	11052	0.0001	1.47	1932	1.7	4.254	98.2231	80.0019	PARAMENTO
11053	11052	0.0001	1.47	1933	1.7	4.229	129.4822	80.0703	PARAMENTO
11053	11052	0.0001	1.47	1934	1.7	21.324	306.1915	88.4759	PARAMENTO
11053	11052	0.0001	1.47	1935	1.7	13.154	237.2532	87.2342	PARAMENTO
11053	11052	0.0001	1.47	1936	1.7	12.287	294.5702	88.0608	PARAMENTO



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11053	11052	0.0001	1.47	1937	1.7	10.466	288.2007	87.4208	PARAMENTO
11053	11052	0.0001	1.47	1938	1.7	2.523	301.2732	84.2653	CAMA_TELEF
11054	11053	0	1.473	11053	1.7	69.931	0	90.0318	DELTA
11054	11053	0	1.473	11055	1.7	75.853	135.2429	89.3559	DELTA
11054	11053	0	1.473	1939	1.7	32.864	125.3441	89.3352	BORDE_VIA
11054	11053	0	1.473	1940	1.7	30.972	135.0915	89.3353	BORDE_VIA
11054	11053	0	1.473	1941	1.7	19.313	131.2432	89.2514	BORDE_VIA
11054	11053	0	1.473	1942	1.7	18.354	130.5106	89.0354	SUMIDERO
11054	11053	0	1.473	1943	1.7	17.873	129.3932	89.1218	SUMIDERO
11054	11053	0	1.473	1944	1.7	23.697	116.5806	89.1218	SUMIDERO
11054	11053	0	1.473	1945	1.7	23.29	115.3541	89.1719	SUMIDERO
11054	11053	0	1.473	1946	1.7	24.45	117.5738	89.2006	BORDE_VIA
11054	11053	0	1.473	1947	1.7	17.157	101.4554	88.5833	BORDE_VIA
11054	11053	0	1.473	1948	1.7	22.959	114.4127	89.1639	BORDE_VIA
11054	11053	0	1.473	1949	1.7	12.145	110.1009	88.4027	BORDE_VIA
11054	11053	0	1.473	1950	1.7	8.346	124.5654	88.0908	BORDE_VIA
11054	11053	0	1.473	1951	1.7	6.304	84.4404	87.4141	BORDE_VIA
11054	11053	0	1.473	1952	1.7	10.278	94.263	85.4923	PARAMENTO
11054	11053	0	1.473	1953	1.7	1.961	350.4435	84.3428	BORDE_VIA
11054	11053	0	1.473	1954	1.7	17.151	114.4508	89.0855	MANHOLE
11054	11053	0	1.473	1955	1.7	9.509	155.4655	88.2149	MANHOLE
11054	11053	0	1.473	1956	1.7	4.247	208.1841	83.532	PARAMENTO
11054	11053	0	1.473	1957	1.7	18.729	138.0403	87.1727	PARAMENTO
11054	11053	0	1.473	1958	1.7	3.844	193.2348	83.3846	POSTE
11054	11053	0	1.473	1959	1.7	1.828	233.2305	76.0918	POSTE
11054	11053	0	1.473	1960	1.7	20.252	167.3444	87.3238	PARAMENTO
11054	11053	0	1.473	1961	1.7	5.155	177.2036	86.525	BORDE_VIA
11054	11053	0	1.473	1962	1.7	6.398	206.41	87.3447	BORDE_VIA
11054	11053	0	1.473	1963	1.7	12.272	176.0402	88.4809	BORDE_VIA
11055	11054	0	1.458	11054	1.7	75.851	0	90.0313	DELTA
11055	11054	0	1.458	11056	1.7	84.265	189.53	89.3325	DELTA
11055	11054	0	1.458	1964	1.7	8.313	13.0545	88.0505	POSTE
11055	11054	0	1.458	1965	1.7	16.029	203.25	88.4617	MANHOLE
11056	11055	0.0001	1.439	11055	1.7	84.263	0.0001	90.0546	DELTA
11056	11055	0.0001	1.439	11057	1.7	21.772	148.415	89.2407	DELTA
11057	11056	0	1.526	11056	1.7	21.774	0	89.2731	DELTA
11057	11056	0	1.526	11058	1.7	76.347	241.0401	89.3527	DELTA
11058	11057	0.0001	1.502	11057	1.7	76.347	0.0001	90.0816	DELTA
11058	11057	0.0001	1.502	11059	1.7	35.05	115.2226	89.3159	DELTA
11059	11058	0	1.472	11058	1.7	35.053	0	89.4711	DELTA
11059	11058	0	1.472	11019	1.7	73.139	210.2609	89.5231	DELTA
11019	11059	0	1.459	11059	1.7	73.139	0	89.4533	DELTA
11019	11059	0	1.459	11034	1.7	73.294	357.0054	89.4547	DELTA



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11061	11060	0	1.413	11060	1.7	17.295	0	86.144 DELTA
11061	11060	0	1.413	1	1.7	12.949	0	85.5834 LINEAMIENT
11061	11060	0	1.413	2	1.7	6.95	0	85.2359 LINEAMIENT
11061	11060	0	1.413	3	1.7	6.615	0	85.5915 LINEAMIENT
11061	11060	0	1.413	4	1.7	2.902	0.0001	84.5421 LINEAMIENT
11061	11060	0	1.413	11062	1.7	162.536	128.1607	90.0654 DELTA
11061	11060	0	1.413	5	1.7	32.067	36.3439	87.3149 SEMAFORO
11061	11060	0	1.413	6	1.7	32.696	35.3327	87.2423 BORDE_VIA
11061	11060	0	1.413	7	1.7	25.611	22.1518	86.4335 BORDE_VIA
11061	11060	0	1.413	8	1.7	22.123	16.1406	86.4335 BORDE_VIA
11061	11060	0	1.413	9	1.7	18.323	10.0725	86.3438 BORDE_VIA
11061	11060	0	1.413	10	1.7	3.096	331.5729	80.5142 BORDE_VIA
11061	11060	0	1.413	11	1.7	21.191	331.4658	86.0402 BORDE_VIA
11061	11060	0	1.413	12	1.7	17.587	338.4732	86.4443 BORDE_VIA
11061	11060	0	1.413	13	1.7	13.169	337.1134	86.321 BORDE_VIA
11061	11060	0	1.413	14	1.7	17.092	231.3815	89.1927 BORDE_VIA
11061	11060	0	1.413	15	1.7	34.648	44.1315	88.275 POSTE
11061	11060	0	1.413	16	1.7	20.334	18.3628	87.4626 POSTE
11061	11060	0	1.413	17	1.7	12.64	279.021	88.2635 MANHOLE
11061	11060	0	1.413	18	1.7	11.284	260.063	87.4555 POSTE
11061	11060	0	1.413	19	1.7	37.683	26.0835	88.0759 SEMAFORO
11061	11060	0	1.413	20	1.7	9.884	8.0312	85.2904 SEMAFORO
11061	11060	0	1.413	21	1.7	16.999	335.1431	86.4457 POSTE
11061	11060	0	1.413	22	1.7	37.219	26.5205	88.0243 BORDE_VIA
11061	11060	0	1.413	23	1.7	28.642	333.5144	87.3209 BORDE_VIA
11061	11060	0	1.413	24	1.7	11.414	272.2545	91.2519 LINDERO
11061	11060	0	1.413	25	1.7	16.414	328.4541	89.5338 LINDERO
11061	11060	0	1.413	26	1.7	2.969	227.174	82.2327 MANHOLE
11061	11060	0	1.413	27	1.7	43.894	194.4834	89.2925 PARAMENTO
11061	11060	0	1.413	28	1.7	22.797	164.3713	89.0848 PARAMENTO
11061	11060	0	1.413	29	1.7	26.468	189.1443	89.1521 PARAMENTO
11061	11060	0	1.413	30	1.7	30.299	149.0754	89.3322 PARAMENTO
11061	11060	0	1.413	31	1.7	26.965	193.4932	88.0803 POSTE
11061	11060	0	1.413	32	1.7	61.357	138.3543	90.1127 PARAMENTO
11061	11060	0	1.413	33	1.7	31.891	143.4751	89.3241 MATERA
11061	11060	0	1.413	34	1.7	32.191	146.1333	89.3343 MATERA
11061	11060	0	1.413	35	1.7	29.862	147.3927	89.2809 MATERA
11061	11060	0	1.413	36	1.7	28.767	149.1037	89.2637 MATERA
11061	11060	0	1.413	37	1.7	28.989	149.5414	89.2805 MATERA
11061	11060	0	1.413	38	1.7	27.972	151.3007	89.2245 MATERA
11061	11060	0	1.413	39	1.7	27.653	150.5413	89.1947 MATERA
11061	11060	0	1.413	40	1.7	22.082	163.0638	89.0507 MATERA
11061	11060	0	1.413	41	1.7	19.011	154.423	88.5235 MATERA
11061	11060	0	1.413	42	1.7	41.151	195.4238	89.3047 MATERA
11061	11060	0	1.413	43	1.7	40.849	199.5307	89.3337 MATERA
11061	11060	0	1.413	44	1.7	25.838	198.0109	89.1415 MATERA
11061	11060	0	1.413	45	1.7	26.291	191.0612	89.1216 MATERA
11061	11060	0	1.413	46	1.7	41.788	199.5836	89.3434 MATERA
11061	11060	0	1.413	47	1.7	42.013	195.4221	89.3214 MATERA
11061	11060	0	1.413	48	1.7	56.096	200.4057	89.4235 MATERA
11061	11060	0	1.413	49	1.7	56.282	197.3149	89.3449 MATERA
11061	11060	0	1.413	50	1.7	58.072	196.4343	89.5243 PARAMENTO
11061	11060	0	1.413	51	1.7	54.584	203.5	89.5748 BORDE_VIA
11061	11060	0	1.413	52	1.7	59.977	202.2955	89.5421 CORDON
11061	11060	0	1.413	53	1.7	59.277	203.1205	89.525 CORDON
11061	11060	0	1.413	54	1.7	12.393	206.2455	88.4443 CORDON
11061	11060	0	1.413	55	1.7	9.898	202.284	88.0633 CORDON
11061	11060	0	1.413	56	1.7	8.536	185.0338	88.1605 CORDON
11061	11060	0	1.413	57	1.7	10.191	168.4112	88.5756 CORDON



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11061	11060	0	1.413	58	1.7	35.932	139.1551	89.4058	CORDON
11061	11060	0	1.413	59	1.7	37.087	139.2855	89.4058	CORDON
11061	11060	0	1.413	60	1.7	37.897	140.2649	89.4058	CORDON
11061	11060	0	1.413	61	1.7	38.798	144.3405	89.4058	PARAMENTO
11061	11060	0	1.413	62	1.7	41.721	143.2233	89.3523	PARAMENTO
11061	11060	0	1.413	63	1.7	41.273	139.5441	89.4104	CORDON
11061	11060	0	1.413	64	1.7	41.604	138.3622	89.4401	CORDON
11061	11060	0	1.413	65	1.7	41.97	138.0237	89.4402	CORDON
11061	11060	0	1.413	66	1.7	42.435	137.4201	89.4618	CORDON
11061	11060	0	1.413	67	1.7	43.004	137.3227	89.4618	CORDON
11061	11060	0	1.413	68	1.7	60.829	134.5239	90.1252	CORDON
11061	11060	0	1.413	69	1.7	59.672	132.0446	90.2838	BORDE_VIA
11061	11060	0	1.413	70	1.7	59.443	128.1505	90.2423	BORDE_VIA
11061	11060	0	1.413	71	1.7	8.947	215.5421	88.0409	BORDE_VIA
11061	11060	0	1.413	72	1.7	10.6	79.4103	91.0705	LINDERO
11061	11060	0	1.413	73	1.7	23.881	63.015	91.5	LINDERO
11062	11061	0.0001	1.44	11061	1.7	162.527	0.0001	89.4147	DELTA
11062	11061	0.0001	1.44	11061	1.7	162.528	0	89.4148	DELTA
11062	11061	0.0001	1.44	74	1.7	137.571	0	89.4526	LINEAMIENT
11062	11061	0.0001	1.44	75	1.7	110.256	0	89.5342	LINEAMIENT
11062	11061	0.0001	1.44	76	1.7	67.708	0	89.5502	LINEAMIENT
11062	11061	0.0001	1.44	77	1.7	29.95	0	89.2546	LINEAMIENT
11062	11061	0.0001	1.44	78	1.7	8.159	0	88.2211	LINEAMIENT
11062	11061	0.0001	1.44	79	1.7	6.747	73.2552	89.102	ARBOL
11062	11061	0.0001	1.44	80	1.7	6.288	71.3113	88.3118	LINDERO
11062	11061	0.0001	1.44	81	1.7	13.371	26.4437	89.0232	LINDERO
11062	11061	0.0001	1.44	82	1.7	12.161	4.5634	89.0536	BORDE_VIA
11062	11061	0.0001	1.44	83	1.7	11.952	350.2731	89.0535	BORDE_VIA
11062	11061	0.0001	1.44	84	1.7	14.333	296.0014	91.5759	MURO
11062	11061	0.0001	1.44	85	1.7	28.377	184.3722	89.4445	BORDE_VIA
11062	11061	0.0001	1.44	86	1.7	28.114	178.3613	89.345	BORDE_VIA
11062	11061	0.0001	1.44	11063	1.7	74.593	181.0513	89.5927	DELTA
11063	11062	0	1.45	11062	1.7	74.582	0	89.3709	DELTA
11063	11062	0	1.45	11062	1.7	74.584	0	89.371	DELTA
11063	11062	0	1.45	87	1.7	59.355	0	89.3519	LINEAMIENT
11063	11062	0	1.45	88	1.7	49.91	0	89.2502	LINEAMIENT
11063	11062	0	1.45	89	1.7	38.657	0	89.311	LINEAMIENT
11063	11062	0	1.45	90	1.7	15.03	0	88.5952	LINEAMIENT
11063	11062	0	1.45	91	1.7	12.412	323.5851	89.2228	POSTE
11063	11062	0	1.45	92	1.7	6.118	75.3643	88.57	LINDERO
11063	11062	0	1.45	93	1.7	14.42	174.1314	89.2306	BORDE_VIA
11063	11062	0	1.45	94	1.7	14.523	185.5108	89.1156	BORDE_VIA
11063	11062	0	1.45	95	1.7	7.904	249.1614	87.5706	ARBOL
11063	11062	0	1.45	96	1.7	12.906	277.5659	89.5131	MURO
11063	11062	0	1.45	97	1.7	11.984	286.3404	90.3227	ARBOL
11063	11062	0	1.45	98	1.7	6.029	101.3421	88.0139	ARBOL
11063	11062	0	1.45	11064	1.7	84.128	180.2824	89.5049	DELTA
11064	11063	0	1.431	11063	1.7	84.114	0	89.49	DELTA
11064	11063	0	1.431	99	1.7	67.024	0	89.4714	LINEAMIENT
11064	11063	0	1.431	100	1.7	46.908	0	89.3843	LINEAMIENT
11064	11063	0	1.431	101	1.7	20.299	0	89.1227	LINEAMIENT
11064	11063	0	1.431	102	1.7	8.564	0	87.3432	LINEAMIENT
11064	11063	0	1.431	103	1.7	3.479	0	85.5631	LINEAMIENT
11064	11063	0	1.431	104	1.7	5.465	335.5931	88.0425	BORDE_VIA
11064	11063	0	1.431	105	1.7	6.164	24.0838	87.3707	BORDE_VIA
11064	11063	0	1.431	106	1.7	4.482	73.3006	87.5514	BORDE_VIA
11064	11063	0	1.431	107	1.7	8.857	96.5451	88.4951	BORDE_VIA
11064	11063	0	1.431	108	1.7	10.608	125.3315	88.1736	BORDE_VIA
11064	11063	0	1.431	109	1.7	21.733	170.1058	90.0935	BORDE_VIA



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11064	11063	0	1.431	110	1.7	6.327	156.1751	89.3659	BORDE_VIA
11064	11063	0	1.431	111	1.7	22.147	178.3431	90.1441	BORDE_VIA
11064	11063	0	1.431	112	1.7	3.189	242.2654	89.1731	BORDE_VIA
11064	11063	0	1.431	113	1.7	22.53	185.5551	90.5025	LINDERO
11064	11063	0	1.431	114	1.7	11.419	146.0945	89.0423	POSTE
11064	11063	0	1.431	115	1.7	10.415	212.2104	90.1041	LINDERO
11064	11063	0	1.431	116	1.7	11.079	58.0417	88.202	LINDERO
11064	11063	0	1.431	117	1.7	13.354	74.0941	88.5756	LINDERO
11064	11063	0	1.431	118	1.7	13.109	36.2447	87.4341	LINDERO
11064	11063	0	1.431	119	1.7	23.517	330.4421	90.1334	MURO
11064	11063	0	1.431	120	1.7	21.013	326.0729	90.3433	MURO
11064	11063	0	1.431	11065	1.7	86.531	274.4958	90.1739	DELTA
11064	11063	0	1.431	121	1.7	19.128	316.1823	90.3128	MURO
11064	11063	0	1.431	122	1.7	20.829	297.5426	90.2042	MURO
11064	11063	0	1.431	123	1.7	19.125	307.3603	90.2309	MURO
11065	11064	0	1.465	11064	1.7	86.522	0	89.2332	DELTA
11065	11064	0	1.465	124	2	67.144	0	89.1418	LINEAMIENT
11065	11064	0	1.465	125	2	49.379	0	89.0906	LINEAMIENT
11065	11064	0	1.465	126	1.7	32.255	0.0001	89.301	LINEAMIENT
11065	11064	0	1.465	127	1.7	13.389	0	89.0755	LINEAMIENT
11065	11064	0	1.465	128	1.7	5.544	0	87.5631	LINEAMIENT
11065	11064	0	1.465	11066	1.7	78.032	179.4316	89.4324	DELTA
11065	11064	0	1.465	129	1.7	4.947	263.1649	89.1841	ARBOL
11066	11065	0	1.424	11065	1.7	78.027	0	89.5425	DELTA
11066	11065	0	1.424	130	1.7	61.783	0	90.0041	LINEAMIENT
11066	11065	0	1.424	131	1.7	46.577	0	89.4357	LINEAMIENT
11066	11065	0	1.424	132	1.7	24.888	0	89.3628	LINEAMIENT
11066	11065	0	1.424	133	1.7	8.1	0	88.3603	LINEAMIENT
11066	11065	0	1.424	134	1.7	2.424	0	85.3139	LINEAMIENT
11066	11065	0	1.424	11067	1.7	84.312	180.0801	89.4419	DELTA
11066	11065	0	1.424	135	1.7	32.583	25.4638	89.2438	CERRAMIENT
11066	11065	0	1.424	136	1.7	10.085	330.5013	86.3417	ARBOL
11067	11066	0	1.558	11066	1.7	84.312	0	89.5509	DELTA
11067	11066	0	1.558	137	1.7	64.462	0	90.0242	LINEAMIENT
11067	11066	0	1.558	138	1.7	48.806	0	89.5253	LINEAMIENT
11067	11066	0	1.558	139	1.7	30.907	0	90.0945	LINEAMIENT
11067	11066	0	1.558	140	1.7	19.813	0	89.4442	LINEAMIENT
11067	11066	0	1.558	141	1.7	6.885	0	89.0252	LINEAMIENT
11067	11066	0	1.558	11068	1.7	80.522	178.4024	89.4354	DELTA
11067	11066	0	1.558	142	1.7	8.573	91.0324	90.0001	CERRAMIENT
11068	11067	0	1.441	11067	1.7	80.523	0	89.5523	DELTA
11068	11067	0	1.441	143	1.7	60.685	0	89.5139	LINEAMIENT
11068	11067	0	1.441	144	1.7	25.691	0	89.3419	LINEAMIENT
11068	11067	0	1.441	145	1.7	15.896	0	89.324	LINEAMIENT
11068	11067	0	1.441	146	1.7	5.443	0	88.2743	LINEAMIENT
11068	11067	0	1.441	11069	1.7	87.684	179.4635	89.5223	DELTA
11068	11067	0	1.441	147	1.7	21.266	310.2237	91.0046	CERRAMIENT
11068	11067	0	1.441	148	1.7	18.592	298.0512	91.0853	CERRAMIENT
11068	11067	0	1.441	149	1.7	22.134	290.4646	91.1547	CERRAMIENT
11068	11067	0	1.441	150	1.7	19.148	285.0954	90.2436	ARBOL
11068	11067	0	1.441	151	1.7	24.471	273.1707	90.5817	ARBOL
11068	11067	0	1.441	152	1.7	14.064	278.2314	90.3709	ARBOL
11068	11067	0	1.441	153	1.7	12.507	281.1538	93.1341	BORDE_CANO
11068	11067	0	1.441	154	1.7	11.933	244.5759	92.5844	BORDE_CANO
11068	11067	0	1.441	155	1.7	10.249	240.2513	91.4207	BORDE_CANO
11068	11067	0	1.441	156	1.7	11.982	296.1116	91.4623	BORDE_CANO
11068	11067	0	1.441	157	2	13.683	289.3541	91.2956	BORDE_CANO
11068	11067	0	1.441	158	1.7	16.983	305.4316	91.5728	BORDE_CANO
11068	11067	0	1.441	159	1.7	13.559	313.0302	90.2255	VALVULA



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11068	11067	0	1.441	160	1.7	21.869	274.192	91.5137	BORDE_CANO
11068	11067	0	1.441	161	1.7	21.847	268.1519	91.5824	BORDE_CANO
11068	11067	0	1.441	162	1.7	10.845	239.1757	89.3034	ESTRUCTURA
11068	11067	0	1.441	163	1.7	11.828	241.5952	89.2614	ESTRUCTURA
11068	11067	0	1.441	164	1.7	11.377	241.1129	94.2734	DESC_BATEA
11068	11067	0	1.441	165	1.7	11.378	240.3317	89.2801	DESC_CLAVE
11068	11067	0	1.441	166	1.7	16.46	219.3856	89.3941	ESTRUCTURA
11068	11067	0	1.441	167	1.7	15.759	216.3211	89.3724	ESTRUCTURA
11068	11067	0	1.441	168	1.7	16.264	217.5057	93.4454	DESC_BATEA
11068	11067	0	1.441	169	1.7	16.221	218.0029	90.5536	DESC_CLAVE
11068	11067	0	1.441	170	1.7	7.681	252.363	89.591	POSTE
11068	11067	0	1.441	171	1.7	30.407	229.4212	90.5603	BORDE_CANO
11068	11067	0	1.441	172	1.7	30.995	228.0312	91.1535	BORDE_CANO
11068	11067	0	1.441	173	1.7	20.292	211.4958	91.4348	BORDE_CANO
11068	11067	0	1.441	174	1.7	21.803	210.2645	92.1132	BORDE_CANO
11068	11067	0	1.441	175	1.7	23.124	198.5611	91.3306	BORDE_CANO
11068	11067	0	1.441	176	1.7	24.402	204.3737	91.465	BORDE_CANO
11068	11067	0	1.441	177	1.7	25.41	210.3833	90.3846	PARAMENTO
11068	11067	0	1.441	178	1.7	27.086	208.4037	90.4216	PARAMENTO
11068	11067	0	1.441	179	1.7	30.944	221.1228	90.1946	PARAMENTO
11068	11067	0	1.441	180	1.7	26.017	235.0405	89.5748	BORDE_VIA
11068	11067	0	1.441	181	1.7	24.754	247.501	89.5418	BORDE_VIA
11068	11067	0	1.441	182	1.7	14.532	218.0339	89.1829	BORDE_VIA
11068	11067	0	1.441	183	1.7	11.795	235.2051	89.0039	BORDE_VIA
11068	11067	0	1.441	184	1.7	14.435	197.3052	89.384	BORDE_VIA
11068	11067	0	1.441	185	1.7	13.93	160.5035	89.3101	BORDE_VIA
11068	11067	0	1.441	186	1.7	20.616	182.1423	89.4417	BORDE_VIA
11068	11067	0	1.441	187	1.7	21.469	168.1928	89.4416	BORDE_VIA
11068	11067	0	1.441	188	1.7	9.917	128.4812	89.4416	BORDE_VIA
11068	11067	0	1.441	189	1.7	7.068	90.0616	89.2251	BORDE_VIA
11068	11067	0	1.441	190	1.7	12.578	111.4857	89.4103	BORDE_VIA
11068	11067	0	1.441	191	1.7	11.021	87.072	89.5756	BORDE_VIA
11068	11067	0	1.441	192	1.7	52.338	86.4845	89.5327	MANHOLE
11068	11067	0	1.441	193	1.7	77.519	84.1411	89.5626	MANHOLE
11068	11067	0	1.441	194	1.7	52.373	87.5102	90.04	BORDE_VIA
11068	11067	0	1.441	195	1.7	52.261	80.5743	90.1207	BORDE_VIA
11068	11067	0	1.441	196	1.7	71.124	89.5448	91.0122	BORDE_CANO
11068	11067	0	1.441	197	1.7	70.908	88.1411	90.4412	BORDE_CANO
11068	11067	0	1.441	198	1.7	14.497	128.0445	93.3155	BORDE_CANO
11068	11067	0	1.441	199	1.7	16.182	131.5659	91.3113	BORDE_CANO
11068	11067	0	1.441	200	1.7	13.835	149.2346	93.0116	BORDE_CANO
11068	11067	0	1.441	201	1.7	15.478	145.4153	92.2756	BORDE_CANO
11068	11067	0	1.441	202	1.7	24.893	157.1835	90.541	POSTE
11068	11067	0	1.441	203	1.7	11.952	18.1636	89.4107	CERRAMIENT
11068	11067	0	1.441	204	1.7	60.287	74.3417	90.1041	CERRAMIENT
11068	11067	0	1.441	205	1.7	88.028	75.0008	90.1043	CERRAMIENT
11068	11067	0	1.441	206	1.7	87.584	77.4114	90.1256	CERRAMIENT
11068	11067	0	1.441	207	1.7	142.06	79.5709	90.161	CERRAMIENT
11068	11067	0	1.441	208	1.7	12.028	25.2547	89.014	CAJ_AGUA
11068	11067	0	1.441	209	1.7	11.518	26.4832	88.4207	CAJ_AGUA
11068	11067	0	1.441	210	1.7	11.648	21.494	88.4206	CAJ_AGUA
11068	11067	0	1.441	211	1.7	11.151	23.0042	88.3718	CAJ_AGUA
11068	11067	0	1.441	212	1.7	3.112	86.2722	88.1121	BORDE_VIA
11068	11067	0	1.441	213	1.7	9.299	6.1753	89.34	BORDE_VIA
11068	11067	0	1.441	214	1.7	9.257	348.2544	89.3046	BORDE_VIA
11068	11067	0	1.441	215	1.7	2.592	242.4328	87.2908	BORDE_VIA
11069	11068	0	1.47	11068	1.7	87.681	0	89.4851	DELTA
11069	11068	0	1.47	216	1.7	65.118	0	89.545	LINEAMIENT
11069	11068	0	1.47	217	1.7	40.229	0	89.4829	LINEAMIENT



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11069	11068	0	1.47	218	1.7	32.635	0	89.3616	LINEAMIENT
11069	11068	0	1.47	219	1.7	22.084	0	89.2156	LINEAMIENT
11069	11068	0	1.47	220	1.7	9.476	359.5959	89.2226	LINEAMIENT
11069	11068	0	1.47	11070	1.7	98.444	182.0043	89.5746	DELTA
11069	11068	0	1.47	221	1.7	50.664	174.3147	90.3135	POSTE
11069	11068	0	1.47	222	1.7	35.096	178.2222	90.2005	BORDE_VIA
11069	11068	0	1.47	223	1.7	35.003	184.1006	90.1104	BORDE_VIA
11069	11068	0	1.47	224	1.7	10.126	155.573	90.3508	MANHOLE
11069	11068	0	1.47	225	1.7	11.034	40.3307	91.5821	POSTE
11070	11069	0	1.479	11069	1.7	98.445	0	89.4721	DELTA
11070	11069	0	1.479	226	1.7	87.201	0	89.5614	LINEAMIENT
11070	11069	0	1.479	227	1.7	78.959	0.0001	89.5248	LINEAMIENT
11070	11069	0	1.479	228	1.7	61.421	0	89.5837	LINEAMIENT
11070	11069	0	1.479	229	1.7	37.769	0	89.5327	LINEAMIENT
11070	11069	0	1.479	230	1.7	30.505	0	90.0408	LINEAMIENT
11070	11069	0	1.479	231	1.7	29.119	0	90.1929	LINEAMIENT
11070	11069	0	1.479	232	1.7	8.802	0	88.4856	LINEAMIENT
11070	11069	0	1.479	11071	1.7	108.843	83.0416	90.0803	DELTA
11070	11069	0	1.479	233	1.7	46.669	78.2924	90.3021	POSTE
11070	11069	0	1.479	234	1.7	22.563	73.0317	90.1949	POSTE
11070	11069	0	1.479	235	1.7	8.126	127.2447	86.4827	POSTE
11070	11069	0	1.479	236	1.7	5.344	312.5227	86.5404	POSTE
11070	11069	0	1.479	237	1.7	6.769	252.1908	88.4141	MANHOLE
11070	11069	0	1.479	238	1.7	16.5	281.4143	89.562	PARAMENTO
11070	11069	0	1.479	239	1.7	25.501	273.1034	90.4524	BORDE_CANO
11070	11069	0	1.479	240	1.7	25.25	271.1042	90.5109	BORDE_CANO
11070	11069	0	1.479	241	1.7	14.718	277.492	92.0346	BORDE_CANO
11070	11069	0	1.479	242	1.7	14.959	281.1345	92.0711	BORDE_CANO
11070	11069	0	1.479	243	1.7	6.597	323.5639	93.1743	BORDE_CANO
11070	11069	0	1.479	244	1.7	8.355	330.4512	94.0025	BORDE_CANO
11070	11069	0	1.479	245	1.7	8.899	315.1614	93.355	BORDE_CANO
11070	11069	0	1.479	246	1.7	9.029	321.5906	93.0235	BORDE_CANO
11070	11069	0	1.479	247	1.7	7.49	329.1132	97.4134	DESC_BATEA
11070	11069	0	1.479	248	1.7	7.401	328.3658	93.4214	DESC_CLAVE
11070	11069	0	1.479	249	1.7	6.892	27.4913	97.3837	DESC_BATEA
11070	11069	0	1.479	250	1.7	6.747	27.5423	93.1616	DESC_CLAVE
11070	11069	0	1.479	251	1.7	11.373	19.4734	89.3135	MANHOLE
11070	11069	0	1.479	252	1.7	28.897	271.1123	91.0124	POSTE
11070	11069	0	1.479	253	1.7	35.695	254.0355	89.1643	POSTE
11070	11069	0	1.479	254	1.7	7.617	30.3433	95.2017	BORDE_CANO
11070	11069	0	1.479	255	1.7	6.568	37.3715	96.5333	BORDE_CANO
11070	11069	0	1.479	256	1.7	21.087	69.1831	92.1234	BORDE_CANO
11070	11069	0	1.479	257	1.7	21.551	64.5655	91.5925	BORDE_CANO
11070	11069	0	1.479	258	1.7	19.459	78.0211	90.0618	BORDE_VIA
11070	11069	0	1.479	259	1.7	19.438	93.0104	90.0155	BORDE_VIA
11070	11069	0	1.479	260	1.7	4.885	52.4858	89.0412	BORDE_VIA
11070	11069	0	1.479	261	1.7	4	302.1431	89.3706	BORDE_VIA
11070	11069	0	1.479	262	1.7	11.676	230.3044	90.2348	LINDERO
11070	11069	0	1.479	263	1.7	17.945	102.2837	89.3649	LINDERO
11070	11069	0	1.479	11077	1.7	126.104	263.5026	89.5252	DELTA
11070	11069	0	1.479	264	1.7	78.913	266.1446	89.4754	POSTE
11070	11069	0	1.479	265	1.7	53.903	267.4007	90.0113	POSTE
11070	11069	0	1.479	266	1.5	51.571	269.3959	90.102	POSTE
11070	11069	0	1.479	267	1.7	21.531	230.2619	90.4407	PARAMENTO
11070	11069	0	1.479	268	1.7	10.666	15.162	90.0216	VALVULA
11071	11070	0	1.46	11070	1.7	108.838	0	89.3802	DELTA
11071	11070	0	1.46	269	1.7	87.119	0	89.4012	LINEAMIENT
11071	11070	0	1.46	270	1.7	58.776	0.0001	89.3454	LINEAMIENT
11071	11070	0	1.46	271	1.7	12.488	0	88.5535	LINEAMIENT



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11071	11070	0	1.46	272	1.7	12.601	15.0448	89.3507	POSTE
11071	11070	0	1.46	273	1.7	37.168	5.2948	89.4722	POSTE
11071	11070	0	1.46	274	1.7	31.465	344.0108	89.2641	CERRAMIENT
11071	11070	0	1.46	275	1.7	31.02	338.4819	89.2014	CERRAMIENT
11071	11070	0	1.46	276	1.7	27.913	335.2011	89.2014	CERRAMIENT
11071	11070	0	1.46	277	1.7	23.487	339.2536	89.3806	CERRAMIENT
11071	11070	0	1.46	278	1.7	9.792	282.3141	89.1725	CERRAMIENT
11071	11070	0	1.46	279	1.7	3.893	268.2428	86.261	BORDE_VIA
11071	11070	0	1.46	280	1.7	8.071	207.1325	88.3126	BORDE_VIA
11071	11070	0	1.46	281	1.7	23.674	188.2303	89.3119	BORDE_VIA
11071	11070	0	1.46	282	1.7	23.285	176.2824	89.4334	BORDE_VIA
11071	11070	0	1.46	283	1.7	12.653	164.3456	89.3401	POSTE
11071	11070	0	1.46	284	1.7	19.467	165.4354	91.2211	BORDE_CANO
11071	11070	0	1.46	285	1.7	19.006	169.4842	91.1508	BORDE_CANO
11071	11070	0	1.46	286	1.7	19.45	207.4922	88.5051	POSTE
11071	11070	0	1.46	287	1.7	19.878	211.2116	88.0859	PARAMENTO
11071	11070	0	1.46	288	1.7	14.073	225.1052	88.2513	PARAMENTO
11071	11070	0	1.46	289	1.7	11.333	214.1736	88.321	ARBOL
11071	11070	0	1.46	290	1.7	10.561	222.1639	88.3427	MANHOLE
11071	11070	0	1.46	291	1.7	4.384	205.2032	86.4733	MANHOLE
11071	11070	0	1.46	11073	1.7	44.026	273.1326	89.3727	DELTA
11071	11070	0	1.46	292	1.7	50.353	267.1913	89.3403	PARAMENTO
11071	11070	0	1.46	293	1.7	48.943	268.2247	89.3454	POSTE
11071	11070	0	1.46	294	1.7	48.158	266.2633	89.3929	BORDE_VIA
11071	11070	0	1.46	295	1.7	42.101	264.1129	89.3048	BORDE_VIA
11071	11070	0	1.46	296	1.7	41.164	265.2813	89.3348	MANHOLE
11071	11070	0	1.46	297	1.7	40.166	263.4644	89.2307	PARAMENTO
11072	11071	0	1.457	11071	1.7	44.015	0	89.4519	DELTA
11072	11071	0	1.457	298	1.7	38.114	0	89.3624	LINEAMIENT
11072	11071	0	1.457	299	1.7	32.477	0	89.4712	LINEAMIENT
11072	11071	0	1.457	300	1.7	19.833	0	89.5448	LINEAMIENT
11072	11071	0	1.457	301	1.7	8.267	0	89.003	LINEAMIENT
11072	11071	0	1.457	302	1.7	3.292	0	86.5426	LINEAMIENT
11072	11071	0	1.457	11073	1.7	78.476	186.4803	89.5526	DELTA
11072	11071	0	1.457	303	1.7	36.652	178.0051	89.3427	PARAMENTO
11072	11071	0	1.457	304	1.7	46.778	180.0348	89.3641	PARAMENTO
11072	11071	0	1.457	305	1.7	45.942	181.2727	89.3847	POSTE
11072	11071	0	1.457	306	1.7	43.492	181.4145	89.555	BORDE_VIA
11072	11071	0	1.457	307	1.7	43.811	178.0532	89.571	BORDE_VIA
11072	11071	0	1.457	308	1.7	37.81	184.2113	89.3657	MANHOLE
11072	11071	0	1.457	309	1.7	37.671	190.323	89.5459	BORDE_VIA
11072	11071	0	1.457	310	1.7	73.837	182.4117	89.451	PARAMENTO
11072	11071	0	1.457	311	1.7	76.293	183.3456	89.4736	POSTE
11072	11071	0	1.457	312	1.7	77.165	183.0523	89.54	BORDE_VIA
11072	11071	0	1.457	313	1.7	80.041	183.0129	89.5105	BORDE_VIA
11072	11071	0	1.457	314	1.7	39.311	178.0443	89.5105	BORDE_VIA
11072	11071	0	1.457	315	1.7	39.033	180.512	89.5105	BORDE_VIA
11072	11071	0	1.457	316	1.7	16.943	180.3928	89.1912	BORDE_VIA
11072	11071	0	1.457	317	1.7	3.932	153.0235	86.422	BORDE_VIA
11073	11072	0	1.474	11072	1.7	78.47	0	89.4435	DELTA
11073	11072	0	1.474	318	1.7	50.501	0	89.3728	LINEAMIENT
11073	11072	0	1.474	319	1.7	33.214	0	89.4354	LINEAMIENT
11073	11072	0	1.474	320	1.7	8.634	0	88.5436	LINEAMIENT
11073	11072	0	1.474	11074	1.7	38.477	174.3609	89.4808	DELTA
11073	11072	0	1.474	321	1.7	6.838	129.3037	83.1134	PARAMENTO
11073	11072	0	1.474	322	1.7	14.922	106.4609	86.2931	PARAMENTO
11073	11072	0	1.474	323	1.7	15.184	160.2223	86.5127	PARAMENTO
11074	11073	0	1.463	11073	1.7	38.473	0	89.3201	DELTA
11074	11073	0	1.463	324	1.7	24.076	0	89.3045	LINEAMIENT



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11074	11073	0	1.463	325	1.7	11.794	0	88.59	LINEAMIENT
11074	11073	0	1.463	326	1.7	6.413	0	87.35	LINEAMIENT
11074	11073	0	1.463	327	1.7	2.657	0	86.5919	LINEAMIENT
11074	11073	0	1.463	328	1.7	10.5	74.3744	89.0627	BORDE_VIA
11074	11073	0	1.463	329	1.7	10.437	93.0007	88.5133	BORDE_VIA
11074	11073	0	1.463	330	1.7	3.18	40.2521	87.2438	BORDE_VIA
11074	11073	0	1.463	331	1.7	2.764	104.4918	86.4243	BORDE_VIA
11074	11073	0	1.463	332	1.7	3.706	307.461	87.2757	BORDE_VIA
11074	11073	0	1.463	333	1.7	2.996	241.4459	86.42	BORDE_VIA
11074	11073	0	1.463	334	1.7	10.079	280.1054	88.4129	BORDE_VIA
11074	11073	0	1.463	335	1.7	9.997	262.0553	89.1018	BORDE_VIA
11074	11073	0	1.463	336	1.7	10.175	319.4034	88.0004	PARAMENTO
11074	11073	0	1.463	337	1.7	13.017	304.5128	88.3438	PARAMENTO
11074	11073	0	1.463	338	1.7	10.727	238.3043	87.5819	PARAMENTO
11074	11073	0	1.463	339	1.7	6.496	210.4523	87.582	PARAMENTO
11074	11073	0	1.463	340	2	13.426	191.2225	88.0455	PARAMENTO
11074	11073	0	1.463	341	1.7	13.2	185.0201	86.5044	PARAMENTO
11074	11073	0	1.463	342	1.7	40.076	180.1457	89.0747	PARAMENTO
11074	11073	0	1.463	343	1.7	22.105	163.3757	87.3311	PARAMENTO
11074	11073	0	1.463	344	1.7	6.124	131.023	86.3621	PARAMENTO
11074	11073	0	1.463	345	1.7	12.881	104.3605	88.0456	PARAMENTO
11074	11073	0	1.463	346	1.7	4.728	131.4131	86.4023	CAJ_ALCAN
11074	11073	0	1.463	347	1.7	3.818	130.382	85.4851	CAJ_ALCAN
11074	11073	0	1.463	348	1.7	4.681	222.2938	87.3233	POSTE
11074	11073	0	1.463	349	1.7	40.353	168.1441	89.4627	PARAMENTO
11074	11073	0	1.463	350	1.7	48.924	179.5553	89.293	PARAMENTO
11074	11073	0	1.463	351	1.7	40.075	178.3503	89.0939	POSTE
11074	11073	0	1.463	352	1.7	28.663	176.34	89.2646	BORDE_VIA
11074	11073	0	1.463	353	1.7	28.928	172.1632	89.3508	BORDE_VIA
11074	11073	0	1.463	11075	1.7	67.395	173.094	89.5546	DELTA
11075	11074	0	1.469	11074	1.7	67.395	0	89.4134	DELTA
11075	11074	0	1.469	354	1.7	60.638	0.0001	89.4224	LINEAMIENT
11075	11074	0	1.469	355	1.7	41.374	0	89.3013	LINEAMIENT
11075	11074	0	1.469	356	1.7	19.074	0	89.0144	LINEAMIENT
11075	11074	0	1.469	357	1.7	6.718	0	87.4907	LINEAMIENT
11075	11074	0	1.469	11076	1.7	59.754	86.0902	90.1221	DELTA
11075	11074	0	1.469	358	1.7	9.886	19.0552	84.0035	PARAMENTO
11075	11074	0	1.469	359	1.7	26.946	96.5225	89.3454	PARAMENTO
11075	11074	0	1.469	360	1.7	26.113	70.4619	89.5816	PARAMENTO
11075	11074	0	1.469	361	1.7	8.44	128.3106	88.0633	PARAMENTO
11075	11074	0	1.469	362	1.7	4.91	293.3641	86.4222	PARAMENTO
11075	11074	0	1.469	363	1.7	13.952	343.0505	88.4723	PARAMENTO
11075	11074	0	1.469	364	1.7	11.711	220.2226	87.5705	PARAMENTO
11075	11074	0	1.469	365	1.7	28.018	233.3516	89.3345	PARAMENTO
11075	11074	0	1.469	366	1.7	27.02	240.22	89.2636	PARAMENTO
11075	11074	0	1.469	367	1.7	34.01	243.0108	89.2423	PARAMENTO
11075	11074	0	1.469	368	1.7	26.416	243.3053	89.442	POSTE
11075	11074	0	1.469	369	1.7	28.135	261.2704	89.442	POSTE
11075	11074	0	1.469	370	1.7	7.216	209.5233	88.4824	POSTE
11075	11074	0	1.469	371	1.7	23.51	273.515	89.3142	PARAMENTO
11075	11074	0	1.469	372	1.7	10.622	270.0449	89.2021	POSTE
11075	11074	0	1.469	373	1.7	15.673	95.5105	89.3645	POSTE
11075	11074	0	1.469	374	1.7	15.317	63.2432	88.1425	POSTE
11075	11074	0	1.469	375	1.7	2.588	26.1154	84.0038	BORDE_VIA
11075	11074	0	1.469	376	1.7	3.306	315.3933	87.13	BORDE_VIA
11075	11074	0	1.469	377	1.7	6.879	259.3528	89.2259	BORDE_VIA
11075	11074	0	1.469	378	1.7	8.263	230.3502	89.0334	BORDE_VIA
11075	11074	0	1.469	379	1.7	7.735	103.5358	88.1338	BORDE_VIA
11075	11074	0	1.469	380	1.7	6.871	73.4413	87.3522	BORDE_VIA



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11075	11074	0	1.469	381	1.7	33.542	254.1022	89.5955	MANHOLE
11075	11074	0	1.469	382	1.7	29.331	80.5051	90.0859	MANHOLE
11076	11075	0	1.467	11075	1.7	59.754	0	89.2131	DELTA
11076	11075	0	1.467	383	1.7	49.239	0	89.1224	LINEAMIENT
11076	11075	0	1.467	384	1.7	38.938	0	89.1644	LINEAMIENT
11076	11075	0	1.467	385	1.7	24.065	0	89.1421	LINEAMIENT
11076	11075	0	1.467	386	1.7	12.096	0	89.0415	LINEAMIENT
11076	11075	0	1.467	12016	1.7	123.472	186.5253	89.5431	DELTA
11076	11075	0	1.467	387	1.7	20.837	309.2352	87.4439	PARAMENTO
11076	11075	0	1.467	388	1.7	11.618	339.5911	89.3009	POSTE
11076	11075	0	1.467	389	1.7	33.335	282.045	89.3132	POSTE
11076	11075	0	1.467	390	1.7	17.493	153.4223	88.5403	PARAMENTO
11076	11075	0	1.467	391	1.7	22.141	161.0307	89.0729	PARAMENTO
11076	11075	0	1.467	392	1.7	35.18	124.4935	89.2349	PARAMENTO
11076	11075	0	1.467	393	1.7	21.914	138.4319	89.0647	PARAMENTO
11076	11075	0	1.467	394	1.7	22.701	72.295	86.4308	PARAMENTO
11076	11075	0	1.467	395	1.7	20.591	86.5744	88.5153	POSTE
11076	11075	0	1.467	396	1.7	25.86	75.3618	87.0511	PARAMENTO
11076	11075	0	1.467	397	1.7	5.554	105.361	83.5718	MANHOLE
11076	11075	0	1.467	398	1.5	37.242	25.1042	89.2645	PARAMENTO
11076	11075	0	1.467	399	1.7	34.36	43.3908	88.1953	PARAMENTO
11076	11075	0	1.467	400	4	26.45	169.473	84.3229	POSTE
11076	11075	0	1.467	401	1.7	10.017	350.5208	89.3229	BORDE_VIA
11076	11075	0	1.467	402	1.7	10.169	13.0444	89.3919	BORDE_VIA
11076	11075	0	1.467	403	1.7	9.266	337.1506	89.2347	BORDE_VIA
11076	11075	0	1.467	404	1.7	6.375	308.1352	89.2033	BORDE_VIA
11076	11075	0	1.467	405	1.7	8.794	118.2637	87.1234	BORDE_VIA
11076	11075	0	1.467	406	1.7	12.334	143.154	89.0421	BORDE_VIA
11076	11075	0	1.467	407	1.7	13.749	173.1732	89.0421	BORDE_VIA
11076	11075	0	1.467	408	1.7	13.615	189.4315	89.1238	BORDE_VIA
12016	11076	0.0001	1.519	11076	1.7	123.474	0.0001	89.5452	DELTA
12016	11076	0.0001	1.519	11076	1.7	123.472	0	89.5453	DELTA
12016	11076	0.0001	1.519	409	1.7	120.013	0	89.4523	LINEAMIENT
12016	11076	0.0001	1.519	410	1.7	113.162	0	89.5348	LINEAMIENT
12016	11076	0.0001	1.519	411	1.7	95.208	0.0001	89.5209	LINEAMIENT
12016	11076	0.0001	1.519	412	1.7	64.843	0	89.4615	LINEAMIENT
12016	11076	0.0001	1.519	413	1.7	47.127	0	89.3317	LINEAMIENT
12016	11076	0.0001	1.519	414	1.7	18.986	0	89.3249	LINEAMIENT
12016	11076	0.0001	1.519	415	1.7	4.563	0	87.294	LINEAMIENT
12016	11076	0.0001	1.519	11044	1.7	51.595	274.3924	89.464	DELTA
12016	11076	0.0001	1.519	416	1.7	47.7	11.3648	88.59	PARAMENTO
12016	11076	0.0001	1.519	417	1.7	47.214	9.1334	88.4654	POSTE
12016	11076	0.0001	1.519	418	2.9	34.37	17.4743	87.4555	PARAMENTO
12016	11076	0.0001	1.519	419	1.7	6.012	326.0749	88.2853	BORDE_VIA
12016	11076	0.0001	1.519	420	1.7	5.711	44.3438	87.4945	BORDE_VIA
11015	11013	0.0001	1.501	11013	1.7	55.312	0.0001	89.5644	DELTA
11015	11013	0.0001	1.501	11013	1.7	55.309	0	89.5624	DELTA
11015	11013	0.0001	1.501	AUX_1	1.7	7.162	38.5252	84.1317	DELTA
AUX_1	11015	0	1.47	11015	1.7	7.114	0	92.2105	DELTA
AUX_1	11015	0	1.47	11078	1.7	23.916	228.0509	90.0908	DELTA
11078	AUX_1	0	1.507	AUX_1	1.7	23.915	0	88.5045	DELTA
11078	AUX_1	0	1.507	11079	1.7	79.579	185.4238	89.5529	DELTA
11078	AUX_1	0	1.507	421	1.7	12.077	35.5936	95.215	BORDE_CANO
11078	AUX_1	0	1.507	422	1.7	11.485	31.3756	95.2505	BORDE_CANO
11078	AUX_1	0	1.507	423	1.7	6.34	81.4114	97.5008	BORDE_CANO
11078	AUX_1	0	1.507	424	1.7	4.817	79.4042	101.0728	BORDE_CANO
11078	AUX_1	0	1.507	425	1.7	12.531	157.4318	93.4646	BORDE_CANO
11078	AUX_1	0	1.507	426	1.7	10.876	161.2816	94.0917	BORDE_CANO
11078	AUX_1	0	1.507	427	1.7	22.471	169.0927	91.3801	BORDE_CANO



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11078	AUX_1	0	1.507	428	1.7	22.386	172.3156	92.1709	BORDE_CANO
11078	AUX_1	0	1.507	429	1.7	22.78	169.45	90.1646	ESTRUCTURA
11078	AUX_1	0	1.507	430	1.7	22.438	172.541	90.1422	ESTRUCTURA
11078	AUX_1	0	1.507	431	1.7	22.739	169.5049	89.5519	ESTRUCTURA
11078	AUX_1	0	1.507	432	1.7	22.413	172.5701	89.5803	ESTRUCTURA
11078	AUX_1	0	1.507	433	1.7	22.768	169.5035	89.5401	ESTRUCTURA
11078	AUX_1	0	1.507	434	1.7	23.094	167.5823	90.0601	ESTRUCTURA
11078	AUX_1	0	1.507	435	1.7	26.048	174.5039	89.5545	ESTRUCTURA
11078	AUX_1	0	1.507	436	1.7	26.416	172.1525	89.5608	ESTRUCTURA
11078	AUX_1	0	1.507	437	1.7	16.132	31.2107	94.2605	LINDERO
11078	AUX_1	0	1.507	438	1.7	7.796	293.4523	92.1321	ARBOL
11078	AUX_1	0	1.507	439	1.7	13.562	288.0754	91.0111	PARAMENTO
11078	AUX_1	0	1.507	440	1.7	12.997	242.5259	90.0515	POSTE
11078	AUX_1	0	1.507	441	1.7	9.978	215.373	90.245	BORDE_VIA
11078	AUX_1	0	1.507	442	1.7	9.418	173.0328	90.1224	BORDE_VIA
11078	AUX_1	0	1.507	443	1.7	4.91	47.5502	90.1306	ARBOL
11078	AUX_1	0	1.507	444	1.7	7.064	154.3121	91.3008	ARBOL
11078	AUX_1	0	1.507	445	1.7	14.531	170.1801	89.3412	ARBOL
11079	11078	0	1.49	11078	1.7	79.588	0	89.4733	DELTA
11079	11078	0	1.49	446	1.7	67.902	0	89.5021	LINEAMIENT
11079	11078	0	1.49	447	1.7	44.117	0	89.4906	LINEAMIENT
11079	11078	0	1.49	448	1.7	20.196	0	89.3625	LINEAMIENT
11079	11078	0	1.49	449	1.7	6.594	0	88.4014	LINEAMIENT
11079	11078	0	1.49	450	1.7	8.236	61.3123	91.4311	LINDERO
11079	11078	0	1.49	451	1.7	17.612	79.5637	90.5329	LINDERO
11079	11078	0	1.49	452	1.7	33.156	114.0724	90.101	PARAMENTO
11079	11078	0	1.49	453	1.7	47.903	103.4726	90.1053	POSTE
11079	11078	0	1.49	454	1.7	34.93	93.0007	90.0942	BORDE_VIA
11079	11078	0	1.49	455	1.7	34.816	99.5245	89.4921	BORDE_VIA
11079	11078	0	1.49	11080	1.7	51.763	179.3547	89.4509	DELTA
11079	11078	0	1.49	456	1.7	41.861	186.5422	89.4732	POSTE
11079	11078	0	1.49	457	1.7	14.942	339.3644	89.3455	POSTE
11079	11078	0	1.49	458	1.7	26.542	343.5247	89.2836	PARAMENTO
11079	11078	0	1.49	459	1.7	24.327	330.3901	89.5221	PARAMENTO
11079	11078	0	1.49	460	1.7	33.821	194.1839	89.2258	PARAMENTO
11079	11078	0	1.49	461	1.7	32.309	202.5749	89.0724	PARAMENTO
11079	11078	0	1.49	462	1.7	30.599	202.5707	89.0621	PARAMENTO
11079	11078	0	1.49	463	1.7	28.739	204.4917	89.0622	PARAMENTO
11079	11078	0	1.49	464	1.7	22.074	202.1215	91.2158	BORDE_CANO
11079	11078	0	1.49	465	1.7	22.28	204.2717	91.2157	BORDE_CANO
11079	11078	0	1.49	466	1.7	22.06	203.083	92.0925	DESC_BATEA
11079	11078	0	1.49	467	1.7	22.205	203.0421	90.4235	DESC_CLAVE
11079	11078	0	1.49	468	1.7	13.927	214.0657	91.4219	BORDE_CANO
11079	11078	0	1.49	469	1.7	9.121	233.5722	93.0439	BORDE_CANO
11079	11078	0	1.49	470	1.7	9.049	296.0429	93.3005	BORDE_CANO
11079	11078	0	1.49	471	1.7	21.594	335.1556	91.3512	BORDE_CANO
11079	11078	0	1.49	472	1.7	21.47	330.4154	91.2323	BORDE_CANO
11079	11078	0	1.49	473	1.7	24.763	334.5225	91.0021	BORDE_CANO
11079	11078	0	1.49	474	1.7	6.557	47.3946	94.0019	BORDE_CANO
11079	11078	0	1.49	475	1.7	7.609	54.4514	93.2024	BORDE_CANO
11079	11078	0	1.49	476	1.7	5.512	115.3048	95.1608	BORDE_CANO
11079	11078	0	1.49	477	1.7	6.412	109.2751	95.1559	BORDE_CANO
11079	11078	0	1.49	478	1.7	11.848	331.4926	89.263	ARBOL
11079	11078	0	1.49	479	1.7	7.455	307.054	89.2033	ARBOL
11079	11078	0	1.49	480	1.7	5.892	277.3523	88.4631	ARBOL
11079	11078	0	1.49	481	1.7	6.573	239.2511	88.1053	ARBOL
11079	11078	0	1.49	482	1.7	5.862	141.161	88.1933	ARBOL
11079	11078	0	1.49	483	1.7	14.34	169.0756	89.4546	BORDE_VIA
11079	11078	0	1.49	484	1.7	14.698	191.183	89.2845	BORDE_VIA



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11080	11079	0	1.47	11079	1.7	51.752	0	89.4649	DELTA
11080	11079	0	1.47	485	1.7	38.102	0	89.4114	LINEAMIENT
11080	11079	0	1.47	486	1.7	22.209	0	89.2348	LINEAMIENT
11080	11079	0	1.47	487	1.7	6.565	0	87.4942	LINEAMIENT
11080	11079	0	1.47	488	1.7	18.486	322.2432	88.4601	PARAMENTO
11080	11079	0	1.47	489	1.7	31.741	314.3803	89.0131	PARAMENTO
11080	11079	0	1.47	490	1.7	30.774	307.1843	89.4155	BORDE_VIA
11080	11079	0	1.47	491	1.7	30.38	301.5723	89.4333	BORDE_VIA
11080	11079	0	1.47	492	1.7	27.789	296.3046	89.0121	PARAMENTO
11080	11079	0	1.47	493	1.7	21.446	293.5348	88.4213	PARAMENTO
11080	11079	0	1.47	494	1.7	22.326	284.1452	89.3628	PARAMENTO
11080	11079	0	1.47	495	1.7	20.393	197.293	89.5933	POSTE
11080	11079	0	1.47	496	1.7	19.063	186.2256	89.3535	BORDE_VIA
11080	11079	0	1.47	497	1.7	19.024	172.3904	89.3139	BORDE_VIA
11080	11079	0	1.47	498	1.7	4.68	289.0303	88.1908	BORDE_VIA
11080	11079	0	1.47	499	1.7	7.995	329.4052	89.121	BORDE_VIA
11080	11079	0	1.47	500	1.7	4.488	63.5444	89.2011	BORDE_VIA
11080	11079	0	1.47	501	1.7	4.67	122.0708	88.0452	BORDE_VIA
11080	11079	0	1.47	502	1.7	14.955	83.0456	89.211	BORDE_VIA
11080	11079	0	1.47	503	1.7	14.532	96.2812	89.2519	BORDE_VIA
11080	11079	0	1.47	504	1.7	26.441	111.3825	89.1556	LINDERO
11080	11079	0	1.47	505	1.7	21.586	128.1225	89.06	LINDERO
11080	11079	0	1.47	11081	1.7	57.332	179.3242	89.4935	DELTA
11080	11079	0	1.47	506	1.7	10.124	134.0658	92.3835	BORDE_CANO
11080	11079	0	1.47	507	1.7	9.244	137.3715	90.063	BORDE_CANO
11080	11079	0	1.47	508	1.7	16.649	161.1657	90.3008	BORDE_CANO
11080	11079	0	1.47	509	1.7	16.045	163.4956	90.0037	BORDE_CANO
11080	11079	0	1.47	510	1.7	19.421	166.3335	89.3333	BORDE_CANO
11080	11079	0	1.47	511	1.7	19.091	169.5755	90.4045	BORDE_CANO
11080	11079	0	1.47	512	1.7	7.848	130.5835	88.5514	ESTRUCTURA
11080	11079	0	1.47	513	1.7	8.789	126.0648	88.5738	ESTRUCTURA
11080	11079	0	1.47	514	1.7	8.743	126.29	93.3151	ESTRUCTURA
11080	11079	0	1.47	515	1.7	8.073	129.5615	94.3347	ESTRUCTURA
11080	11079	0	1.47	516	1.7	6.112	72.561	88.38	ESTRUCTURA
11080	11079	0	1.47	517	1.7	7.335	75.0722	88.5401	ESTRUCTURA
11080	11079	0	1.47	518	1.7	7.176	74.1939	95.5329	ESTRUCTURA
11080	11079	0	1.47	519	1.7	6.363	72.4101	96.4908	ESTRUCTURA
11080	11079	0	1.47	520	1.7	9.882	42.4349	92.2422	BORDE_CANO
11080	11079	0	1.47	521	1.7	9.306	40.5314	92.3459	BORDE_CANO
11080	11079	0	1.47	522	1.7	6.106	118.1002	88.1209	ARBOL
11081	11080	0	1.488	11080	1.7	57.323	0	89.4409	DELTA
11081	11080	0	1.488	523	1.7	39.844	0.0001	89.2951	LINEAMIENT
11081	11080	0	1.488	524	1.7	21.024	0	89.2951	LINEAMIENT
11081	11080	0	1.488	525	1.7	6.635	0	88.2153	LINEAMIENT
11081	11080	0	1.488	11082	1.7	58.461	179.425	89.3533	DELTA
11081	11080	0	1.488	526	1.5	34.913	347.2331	90.1635	PARAMENTO
11081	11080	0	1.488	527	1.5	16.474	324.1805	90.0907	PARAMENTO
11081	11080	0	1.488	528	1.7	9.866	261.4525	90.3359	PARAMENTO
11081	11080	0	1.488	529	1.5	20.689	314.204	88.4413	PARAMENTO
11081	11080	0	1.488	530	1.5	24.324	312.4253	88.1802	PARAMENTO
11081	11080	0	1.488	531	2.7	14.575	281.2654	84.5652	PARAMENTO
11081	11080	0	1.488	532	1.7	21.51	293.292	89.0934	BORDE_VIA
11081	11080	0	1.488	533	1.7	21.458	303.3207	89.0934	BORDE_VIA
11081	11080	0	1.488	534	1.7	9.811	332.2739	89.2528	BORDE_VIA
11081	11080	0	1.488	535	1.7	5.154	288.2207	89.1205	BORDE_VIA
11081	11080	0	1.488	536	1.7	3.687	261.5713	90.5236	BORDE_VIA
11081	11080	0	1.488	537	1.7	6.642	209.4402	90.0121	BORDE_VIA
11081	11080	0	1.488	538	2.9	51.336	19.2342	88.2009	LINDERO
11081	11080	0	1.488	539	1.7	9.822	317.3928	89.3721	BORDE_VIA



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11081	11080	0	1.488	540	1.7	12.903	347.2729	89.4857 BORDE_VIA
11081	11080	0	1.488	541	1.7	12.316	10.5216	89.4857 BORDE_VIA
11081	11080	0	1.488	542	1.7	7.076	259.43	90.0212 POSTE
11081	11080	0	1.488	543	1.7	12.124	312.1918	89.2234 ESTRUCTURA
11081	11080	0	1.488	544	1.7	11.168	316.0019	89.2235 ESTRUCTURA
11081	11080	0	1.488	545	1.7	9.009	268.3653	89.1132 ESTRUCTURA
11081	11080	0	1.488	546	1.7	7.827	268.0546	89.0543 ESTRUCTURA
11081	11080	0	1.488	547	1.7	8.447	265.023	89.4913 TUBO
11081	11080	0	1.488	548	1.7	9.067	249.2928	90.2057 TUBO
11081	11080	0	1.488	549	1.7	10.842	234.0459	90.182 TUBO
11081	11080	0	1.488	550	1.7	11.353	250.5112	89.3507 DES_DOMICI
11081	11080	0	1.488	551	1.7	10.288	257.0111	90.064 DES_DOMICI
11081	11080	0	1.488	552	1.7	16.361	235.1929	90.4006 PARAMENTO
11081	11080	0	1.488	553	1.7	22.833	221.2303	90.0607 PARAMENTO
11081	11080	0	1.488	554	1.7	21.341	205.3236	89.5413 PARAMENTO
11081	11080	0	1.488	555	1.7	31.64	199.1856	89.3939 PARAMENTO
11081	11080	0	1.488	556	1.7	32.04	198.2345	89.4458 PARAMENTO
11081	11080	0	1.488	557	1.7	31.112	195.3403	89.5527 POSTE
11081	11080	0	1.488	558	1.7	38.293	5.1111	91.0033 BORDE_CANO
11081	11080	0	1.488	559	1.7	38.11	5.5623	91.0021 BORDE_CANO
11081	11080	0	1.488	560	1.7	29.714	6.1803	91.0021 BORDE_CANO
11081	11080	0	1.488	561	1.7	29.815	7.2644	90.5827 BORDE_CANO
11081	11080	0	1.488	562	1.7	15.249	13.5052	93.0013 BORDE_CANO
11081	11080	0	1.488	563	1.7	15.378	15.5704	93.0012 BORDE_CANO
11081	11080	0	1.488	564	1.7	19.027	169.3124	91.3642 BORDE_CANO
11081	11080	0	1.488	565	1.7	18.946	167.3821	91.3731 BORDE_CANO
11081	11080	0	1.488	566	1.7	34.392	175.09	90.4224 BORDE_CANO
11081	11080	0	1.488	567	1.7	34.461	174.1044	90.5756 BORDE_CANO
11081	11080	0	1.488	568	1.7	19.162	125.1443	88.4514 LINDERO
11081	11080	0	1.488	569	1.7	11.179	151.484	88.2919 ARBOL
11081	11080	0	1.488	570	1.7	5.525	105.115	86.5619 ARBOL
11081	11080	0	1.488	571	1.7	8.628	41.205	88.3416 ARBOL
11081	11080	0	1.488	572	1.7	13.283	337.2412	89.1315 ARBOL
11082	11081	0	1.515	11081	1.7	58.44	0	90.0204 DELTA
11082	11081	0	1.515	573	1.7	44.298	0	89.534 LINEAMIENT
11082	11081	0	1.515	574	1.7	25.888	0	89.5606 LINEAMIENT
11082	11081	0	1.515	575	1.7	7.248	0	90.1053 LINEAMIENT
11082	11081	0	1.515	576	1.7	19.569	325.1301	90.3808 PARAMENTO
11082	11081	0	1.515	577	1.7	24.057	333.1722	89.5349 PARAMENTO
11082	11081	0	1.515	578	1.7	22.869	318.165	90.3134 PARAMENTO
11082	11081	0	1.515	579	1.7	24.616	278.3153	90.2335 PARAMENTO
11082	11081	0	1.515	580	1.7	29.679	259.1608	90.341 PARAMENTO
11082	11081	0	1.515	581	1.7	22.046	301.1425	90.2518 BORDE_VIA
11082	11081	0	1.515	582	1.7	22.642	290.0559	90.3508 BORDE_VIA
11082	11081	0	1.515	583	1.7	12.473	304.1855	90.3721 BORDE_VIA
11082	11081	0	1.515	584	1.7	11.469	284.5405	90.4821 BORDE_VIA
11082	11081	0	1.515	585	1.7	22.686	281.5741	90.1959 POSTE
11082	11081	0	1.515	586	1.7	42.198	290.3651	90.0423 POSTE
11082	11081	0	1.515	587	2.9	57.486	288.5352	88.4123 PARAMENTO
11082	11081	0	1.515	588	1.7	11.542	315.5402	90.5113 ESTRUCTURA
11082	11081	0	1.515	589	1.7	12.436	311.5023	90.4839 ESTRUCTURA
11082	11081	0	1.515	590	1.7	7.976	270.1349	91.1348 ESTRUCTURA
11082	11081	0	1.515	591	1.7	9.208	270.3915	91.064 ESTRUCTURA
11082	11081	0	1.515	592	1.7	8.815	337.3758	91.0028 BORDE_VIA
11082	11081	0	1.515	593	1.7	4.114	262.5305	90.1719 BORDE_VIA
11082	11081	0	1.515	594	1.7	12.812	345.4546	90.0025 BORDE_VIA
11082	11081	0	1.515	595	1.7	13.204	5.1138	90.4206 BORDE_VIA
11082	11081	0	1.515	596	1.7	8.329	228.5538	91.2641 POSTE
11082	11081	0	1.515	597	1.7	16.957	221.2215	88.243 PARAMENTO



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11082	11081	0	1.515	598	1.7	26.28	213.5513	89.0628	PARAMENTO
11082	11081	0	1.515	599	1.7	25.961	209.4126	89.3019	PARAMENTO
11082	11081	0	1.515	11081	1.7	58.439	0	90.0158	DELTA
11082	11081	0	1.515	11077	1.7	78.006	179.1634	89.5816	DELTA
11082	11081	0	1.515	600	1.7	3.617	261.345	89.4019	MANHOLE
11082	11081	0	1.515	601	1.7	3.88	125.0532	94.4032	BORDE_CANO
11082	11081	0	1.515	602	1.7	4.652	120.133	94.232	BORDE_CANO
11082	11081	0	1.515	603	1.7	15.391	111.5718	89.1928	LINDERO
11082	11081	0	1.515	604	1.7	8.81	145.5434	88.4434	ARBOL
11082	11081	0	1.515	605	1.7	5.342	81.3243	84.1017	ARBOL
11077	11082	0.0001	1.502	11082	1.7	77.991	0.0001	89.4551	DELTA
11077	11082	0.0001	1.502	606	1.7	75.403	0	89.45	LINEAMIENT
11077	11082	0.0001	1.502	607	1.7	50.677	0	89.4954	LINEAMIENT
11077	11082	0.0001	1.502	608	1.7	36.25	0	89.4337	LINEAMIENT
11077	11082	0.0001	1.502	609	1.7	19.252	0	89.275	LINEAMIENT
11077	11082	0.0001	1.502	610	1.7	5.886	359.5959	88.0753	LINEAMIENT
11077	11082	0.0001	1.502	11070	1.7	126.103	207.4214	89.5625	DELTA
11077	11082	0.0001	1.502	611	1.7	114.755	207.4214	90.0005	LINEAMIENT
11077	11082	0.0001	1.502	612	1.7	103.407	207.4214	89.5507	LINEAMIENT
11077	11082	0.0001	1.502	613	1.7	93.474	207.4214	89.5508	LINEAMIENT
11077	11082	0.0001	1.502	614	1.7	82.69	207.4214	89.5508	LINEAMIENT
11077	11082	0.0001	1.502	615	1.7	71.261	207.4214	89.5134	LINEAMIENT
11077	11082	0.0001	1.502	616	1.7	59.901	207.4214	89.4535	LINEAMIENT
11077	11082	0.0001	1.502	617	1.7	47.049	207.4216	89.3704	LINEAMIENT
11077	11082	0.0001	1.502	618	1.7	30.98	207.4214	89.1811	LINEAMIENT
11077	11082	0.0001	1.502	619	1.7	19.66	207.4213	88.562	LINEAMIENT
11077	11082	0.0001	1.502	620	1.7	10.864	207.4214	88.1639	LINEAMIENT
11077	11082	0.0001	1.502	621	1.7	4.406	207.4214	87.5446	LINEAMIENT
11077	11082	0.0001	1.502	622	1.7	17.745	235.12	90.0916	PARAMENTO
11077	11082	0.0001	1.502	623	1.7	49.73	279.2627	90.1627	PARAMENTO
11077	11082	0.0001	1.502	624	1.7	45.078	297.4837	89.4121	POSTE
11077	11082	0.0001	1.502	625	1.7	38.733	303.0234	89.3854	PARAMENTO
11077	11082	0.0001	1.502	626	2	23.886	292.5148	88.2856	POSTE
11077	11082	0.0001	1.502	627	1.7	49.788	338.3555	89.1217	PARAMENTO
11077	11082	0.0001	1.502	628	1.7	44.859	331.5404	89.0732	PARAMENTO
11077	11082	0.0001	1.502	629	1.7	38.179	351.5023	89.3025	POSTE
11077	11082	0.0001	1.502	630	1.7	21.125	351.4524	89.5213	BORDE_VIA
11077	11082	0.0001	1.502	631	1.7	19.594	6.2056	89.5349	BORDE_VIA
11077	11082	0.0001	1.502	632	1.7	3.827	123.052	86.3249	POSTE
11077	11082	0.0001	1.502	633	1.7	7.441	261.52	88.3938	BORDE_VIA
11077	11082	0.0001	1.502	634	1.7	13.658	278.5343	88.5436	BORDE_VIA
11077	11082	0.0001	1.502	635	1.7	16.231	255.1425	89.1133	BORDE_VIA
11077	11082	0.0001	1.502	636	1.7	12.374	231.034	89.3023	BORDE_VIA
11077	11082	0.0001	1.502	637	1.7	19.23	219.4738	89.052	BORDE_VIA
11077	11082	0.0001	1.502	638	1.7	19.274	201.4847	89.063	BORDE_VIA
11077	11082	0.0001	1.502	639	1.7	11.436	195.2131	88.5112	BORDE_VIA
11077	11082	0.0001	1.502	640	1.7	17.599	154.4712	89.1725	BORDE_VIA
11077	11082	0.0001	1.502	641	1.7	13.589	137.3607	89.0209	BORDE_VIA
11077	11082	0.0001	1.502	642	1.7	16.947	179.2758	90.171	POSTE
11077	11082	0.0001	1.502	643	1.7	21.783	184.0703	90.2215	PARAMENTO
11077	11082	0.0001	1.502	644	1.7	29.786	138.3648	89.5515	PARAMENTO
11077	11082	0.0001	1.502	645	1.7	25.686	114.5452	89.0143	POSTE
11077	11082	0.0001	1.502	646	1.7	4.542	179.2806	87.3258	CAMA_TELEF
11077	11082	0.0001	1.502	647	1.7	8.432	224.2602	88.0608	MANHOLE
11077	11082	0.0001	1.502	648	1.7	3.456	243.2338	87.0544	MANHOLE
11077	11082	0.0001	1.502	AUX_2	1.7	81	105.1336	89.4104	DELTA
AUX_2	11077	0	1.452	11077	1.7	80.978	0	90.0044	DELTA
AUX_2	11077	0	1.452	AUX_3	1.7	133.542	177.402	89.4648	DELTA
AUX_2	11077	0	1.452	649	1.7	88.762	29.0322	89.5025	LINDERO



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AUX_2	11077	0	1.452	650	1.7	66.59	184.2533	90.0455	PARAMENTO
AUX_2	11077	0	1.452	651	1.7	62.288	183.275	89.5218	POSTE
AUX_2	11077	0	1.452	652	1.7	44.457	175.0913	89.4029	POSTE
AUX_2	11077	0	1.452	653	1.7	77.974	346.3445	90.0228	PARAMENTO
AUX_2	11077	0	1.452	654	1.7	5.829	349.0555	87.0822	POSTE
AUX_2	11077	0	1.452	655	1.7	14.204	167.2926	89.2418	MANHOLE
AUX_2	11077	0	1.452	656	1.7	11.803	301.5926	89.5642	POSTE
AUX_2	11077	0	1.452	657	1.7	25.385	160.1337	89.4008	SUMIDERO
AUX_2	11077	0	1.452	658	1.7	26.183	159.3747	89.4234	SUMIDERO
AUX_2	11077	0	1.452	659	1.7	24.912	151.394	88.5145	LINDERO
AUX_2	11077	0	1.452	660	1.7	25.393	146.2244	88.5524	LINDERO
AUX_2	11077	0	1.452	661	1.7	23.543	142.5749	89.4346	LINDERO
AUX_2	11077	0	1.452	662	1.7	22.622	180.0842	89.3303	BORDE_VIA
AUX_2	11077	0	1.452	663	1.7	20.456	158.5404	89.4039	BORDE_VIA
AUX_2	11077	0	1.452	664	1.7	14.562	150.53	89.2959	BORDE_VIA
AUX_2	11077	0	1.452	665	1.7	13.495	185.401	89.1405	BORDE_VIA
AUX_2	11077	0	1.452	666	1.7	17.829	129.0703	88.3545	PARAMENTO
AUX_2	11077	0	1.452	667	1.7	15.559	125.2536	88.1942	PARAMENTO
AUX_2	11077	0	1.452	668	1.7	13.905	117.2934	88.0646	PARAMENTO
AUX_2	11077	0	1.452	669	1.7	17.397	110.0921	88.3147	PARAMENTO
AUX_2	11077	0	1.452	670	1.7	12.677	107.2234	87.4813	LINDERO
AUX_2	11077	0	1.452	671	1.7	50.216	90.0546	89.4055	LINDERO
AUX_2	11077	0	1.452	672	1.7	2.964	256.1458	86.3211	BORDE_VIA
AUX_2	11077	0	1.452	673	1.7	8.196	265.3927	88.2958	BORDE_VIA
AUX_3	AUX_2	0	1.511	AUX_2	1.7	133.521	0	90.0229	DELTA
AUX_3	AUX_2	0	1.511	674	1.7	19.731	60.1957	89.1809	LINDERO
AUX_3	AUX_2	0	1.511	675	1.7	19.169	60.3222	89.5224	SUMIDERO
AUX_3	AUX_2	0	1.511	676	1.7	18.842	58.2916	89.5224	SUMIDERO
AUX_3	AUX_2	0	1.511	677	1.7	21.227	68.1223	89.5618	MANHOLE
AUX_3	AUX_2	0	1.511	678	1.7	17.182	71.524	89.4155	MANHOLE
AUX_3	AUX_2	0	1.511	679	1.7	28.525	69.2001	89.373	LINDERO
AUX_3	AUX_2	0	1.511	680	1.7	16.002	54.0351	89.4537	BORDE_VIA
AUX_3	AUX_2	0	1.511	681	1.7	13.261	80.4456	89.4152	BORDE_VIA
AUX_3	AUX_2	0	1.511	682	1.7	6.054	79.5208	88.4534	BORDE_VIA
AUX_3	AUX_2	0	1.511	683	1.7	10.168	29.2655	89.1913	BORDE_VIA
AUX_3	AUX_2	0	1.511	684	1.7	39.768	7.0304	89.3954	POSTE
AUX_3	AUX_2	0	1.511	685	1.7	61.122	345.3659	90.2054	BORDE_VIA
AUX_3	AUX_2	0	1.511	686	1.7	54.722	343.441	90.1009	BORDE_VIA
AUX_3	AUX_2	0	1.511	687	1.7	51.921	356.022	90.0425	BORDE_VIA
AUX_3	AUX_2	0	1.511	688	1.7	60.996	356.0134	90.0324	BORDE_VIA
AUX_3	AUX_2	0	1.511	689	1.7	30.043	342.5058	90.5631	PARAMENTO
AUX_3	AUX_2	0	1.511	690	1.7	19.793	199.4428	91.3059	PARAMENTO
AUX_3	AUX_2	0	1.511	691	1.7	28.51	192.345	90.2155	PARAMENTO
AUX_3	AUX_2	0	1.511	692	1.7	28.004	178.0108	89.4431	BORDE_VIA
AUX_3	AUX_2	0	1.511	693	1.7	18.546	178.2518	89.4712	BORDE_VIA
AUX_3	AUX_2	0	1.511	694	1.7	10.644	133.5757	88.5114	POSTE
AUX_3	AUX_2	0	1.511	695	1.7	46.803	168.0747	89.3743	POSTE
AUX_3	AUX_2	0	1.511	696	1.7	84.201	172.1746	89.4854	POSTE
AUX_3	AUX_2	0	1.511	AUX_4	1.7	91.307	176.5044	89.4458	DELTA
AUX_4	AUX_3	0	1.473	AUX_3	1.7	91.301	0	89.5935	DELTA
AUX_4	AUX_3	0	1.473	697	1.7	14.709	38.3525	88.5841	MANHOLE
AUX_4	AUX_3	0	1.473	698	1.7	9.556	32.2149	89.0328	BORDE_VIA
AUX_4	AUX_3	0	1.473	699	1.7	6.771	354.445	88.3346	BORDE_VIA
AUX_4	AUX_3	0	1.473	700	1.7	46.34	190.3556	90.1645	PARAMENTO
AUX_4	AUX_3	0	1.473	701	2.6	46.87	193.5948	89.1202	PARAMENTO
AUX_4	AUX_3	0	1.473	702	2.6	60.712	191.1314	89.1937	PARAMENTO
AUX_4	AUX_3	0	1.473	703	1.7	60.375	188.1546	90.1234	PARAMENTO
AUX_4	AUX_3	0	1.473	704	1.7	57.188	190.3446	90.1206	POSTE
AUX_4	AUX_3	0	1.473	705	1.7	31.731	168.0055	89.3637	POSTE



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AUX_4	AUX_3	0	1.473	706	1.7	69.653	174.44	89.5302	POSTE
AUX_4	AUX_3	0	1.473	707	1.7	70.178	172.474	90.1546	LINDERO
AUX_4	AUX_3	0	1.473	708	1.7	70.45	174.0534	90.0416	LINDERO
AUX_4	AUX_3	0	1.473	709	1.7	68.669	175.5158	89.4145	BORDE_VIA
AUX_4	AUX_3	0	1.473	710	1.7	68.243	180.3218	89.4557	BORDE_VIA
AUX_4	AUX_3	0	1.473	711	1.7	60.994	175.0923	89.401	BORDE_VIA
AUX_4	AUX_3	0	1.473	712	1.7	57.184	174.462	89.3854	BORDE_VIA
AUX_4	AUX_3	0	1.473	713	1.7	59.186	161.5933	89.5936	BORDE_VIA
AUX_4	AUX_3	0	1.473	714	1.7	56.298	161.3751	90.0337	BORDE_VIA
AUX_4	AUX_3	0	1.473	715	1.7	51.149	180.454	89.4319	BORDE_VIA
AUX_4	AUX_3	0	1.473	716	1.7	58.695	180.4022	89.4446	BORDE_VIA
AUX_4	AUX_3	0	1.473	AUX_5	1.7	90.23	177.4113	89.4255	DELTA
AUX_5	AUX_4	0	1.445	AUX_4	1.7	90.229	0	89.595	DELTA
AUX_5	AUX_4	0	1.445	717	1.7	5.356	175.3247	87.36	BORDE_VIA
AUX_5	AUX_4	0	1.445	718	1.7	7.117	220.3248	88.2832	BORDE_VIA
AUX_5	AUX_4	0	1.445	719	1.7	9.065	221.1923	88.4516	ARBOL
AUX_5	AUX_4	0	1.445	720	1.7	4.892	143.4502	93.5001	LINDERO
AUX_5	AUX_4	0	1.445	721	1.7	12.805	261.1641	92.5141	PARAMENTO
AUX_5	AUX_4	0	1.445	722	1.7	37.798	201.5822	90.5631	PARAMENTO
AUX_5	AUX_4	0	1.463	AUX_4	1.7	90.23	0	90.0049	DELTA
AUX_5	AUX_4	0	1.463	11060	1.7	154.84	182.3057	89.2725	DELTA
11060	AUX_5	0	1.439	AUX_5	1.7	154.819	0	90.2145	DELTA
11060	AUX_5	0	1.439	11061	1.7	17.266	338.5449	92.0736	DELTA
11060	AUX_5	0	1.439	723	0.085	7.318	58.122	94.0735	CJ_AGUA
11060	AUX_5	0	1.439	724	0.085	7.331	56.2126	94.0735	CJ_AGUA
11060	AUX_5	0	1.439	725	0.085	7.654	56.3652	94.0156	CJ_AGUA
11060	AUX_5	0	1.439	726	0.085	7.631	58.2001	93.5934	CJ_AGUA
11060	AUX_5	0	1.439	727	1.7	24.902	63.4945	89.102	POSTE
11060	AUX_5	0	1.439	728	1.7	15.831	67.5046	88.31	SEMAFORO
11060	AUX_5	0	1.439	729	1.7	19.485	68.5305	88.1534	BORDE_VIA
11060	AUX_5	0	1.439	730	1.7	22.221	88.5403	89.2324	BORDE_VIA
11060	AUX_5	0	1.439	731	1.7	19.211	112.0644	91.1434	PARAMENTO
11060	AUX_5	0	1.439	732	1.7	20.122	126.3537	92.0047	PARAMENTO
11060	AUX_5	0	1.439	733	1.7	19.744	129.0303	91.5753	PARAMENTO
11060	AUX_5	0	1.439	734	1.7	18.97	144.1828	92.0743	PARAMENTO
11060	AUX_5	0	1.439	735	1.7	17.554	161.4722	92.3053	PARAMENTO
11060	AUX_5	0	1.439	736	1.7	16.59	166.3233	91.1708	LINDERO
11060	AUX_5	0	1.439	737	1.7	22.012	189.0213	92.3245	LINDERO
11060	AUX_5	0	1.439	738	1.7	14.992	171.0615	89.5452	POSTE
11060	AUX_5	0	1.439	739	1.7	15.212	169.3941	90.2843	POSTE
11060	AUX_5	0	1.439	740	1.7	30.708	235.1421	89.5742	BORDE_VIA
11060	AUX_5	0	1.439	741	1.7	35.924	234.4634	90.074	BORDE_VIA
11060	AUX_5	0	1.439	742	1.7	24.677	227.2631	89.0714	BORDE_VIA
11060	AUX_5	0	1.439	743	1.7	39.028	228.4536	89.2942	BORDE_VIA
11060	AUX_5	0	1.439	744	1.7	13.347	62.0907	91.092	LINDERO
11060	AUX_5	0	1.439	745	1.7	26.259	62.1636	90.474	LINDERO



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COMISION C
INGENIERA CAROLINA MOSQUERA



ELBER DE J HERNÁNDEZ D
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TUR_01	TUR_06	0	1.255	TUR_06	1.7	55.572	0	89.3951	
SD	89.89.3951								
TUR_01	TUR_06	0	1.255	12002	1.7	37.567	177.0622	89.4757	DELTA
	12002 TUR_01	0	1.423	TUR_01	1.7	37.564	0	89.0655	
SD	89.89.0655								
	12002 TUR_01	0	1.423	12001	1.7	61.312	305.4412	89.2814	DELTA
	12001 12002	0.0001	1.432	12002	1.7	61.303	0	90.0222	
SD	90.90.0222								
	12001 12002	0.0001	1.432	12003	1.7	54.667	166.372	90.0456	DELTA
	12003 12001	0	1.412	12001	1.7	54.674	0	89.1335	
SD	89.89.1335								
	12003 12001	0	1.412	12001	1.7	54.678	0	89.1323	
SD	89.89.1323								
	12003 12001	0	1.412	12004	1.7	66.352	93.0552	89.2944	DELTA
	12003 12001	0	1.412	3	1.7	5.464	295.0148	87.2951	MANHOLE
	12004 12003	0	1.436	12003	1.7	66.362	0	89.5612	
SD	89.89.5612								
	12004 12003	0	1.436	12003	1.7	66.36	0	89.561	
SD	89.89.5610								
	12004 12003	0	1.436	12005	1.7	338.401	187.0916	89.5041	DELTA
	12004 12003	0	1.436	12006	1.7	108.874	91.284	89.4246	DELTA
	12005 NO	359.5947	1.477	NO	1.7	338.414	359.5947	90.0459	
SD	90.90.0459								
	12005 12004	359.5947	1.477	12004	1.7	338.415	0	90.0446	
SD	90.90.0446								
	12005 12004	359.5947	1.477	4	1.7	213.132	359.3442	90.0209	MANHOLE
	12005 12004	359.5947	1.477	12008	1.7	187.019	173.5115	89.5105	DELTA
	12005 12004	359.5947	1.477	12007	1.7	105.697	87.3917	89.4527	DELTA
	12005 12004	359.5947	1.477	5	1.7	107.722	90.0045	89.4528	MANHOLE
	12005 12004	359.5947	1.477	6	1.7	58.9	91.0908	89.3736	MANHOLE
	12005 12004	359.5947	1.477	7	1.7	7.27	112.0625	87.4858	MANHOLE
	12008 12005	0	1.448	12005	1.7	187.036	0	89.5123	
SD	89.89.5123								
	12008 12005	0	1.448	12010	1.7	108.696	186.3143	89.3332	DELTA
	12008 12005	0	1.448	12009	1.7	86.97	95.2109	89.4319	DELTA
	12010 12008	0	1.434	12008	1.7	108.698	0	90.0232	
SD	90.90.0232								
	12010 12008	0	1.434	12011	1.7	94.803	82.0945	89.5505	DELTA
	12010 12008	0	1.434	11026	1.7	4.682	257.4819	87.2648	DELTA
	11026 12010	0	1.454	12010	1.7	4.695	0	86.1849	
SD	86.86.1849								
	11026 12010	0	1.454	11027	1.7	67.429	98.2826	89.4604	DELTA
	11027 11026	0	1.479	11026	1.7	67.434	0	89.5026	
SD	89.89.5026								
	11027 11026	0	1.479	11026	1.7	67.432	0	89.5116	
SD	89.89.5116								
	11027 11026	0	1.479	12012	1.7	71.273	180.2231	89.4409	DELTA
	11027 11026	0	1.479	11000	1.7	8.703	215.2642	89.0207	DELTA
	12012 11027	0	1.422	11027	1.7	71.307	0	89.531	
SD	89.89.5310								
	12012 11027	0	1.422	12013	1.7	102.942	91.0418	89.562	DELTA
	12013 12012	0	1.441	12012	1.7	102.964	0	89.4756	
SD	89.89.4756								
	12013 12012	0	1.441	12014	1.7	67.152	84.5852	89.3604	DELTA
	12013 12012	0	1.441	TUR_0	1.7	65.088	286.215	89.4637	MOJON
	12013 12012	0	1.441	12015	1.7	191.143	183.0421	89.5346	DELTA
TUR_0	12013	0	1.349	12013	1.7	65.089	0	89.4148	
SD	89.89.4148								
	12013 12013	0	1.446	12013	1.7	191.164	0	89.5856	
SD	89.89.5856								



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	12013	12013	0	1.446	12016	1.7	115.044	80.301	90.0343 DELTA
	12013	12013	0	1.446	AUX_6	1.7	105.032	179.1051	89.5318 DELTA_AUX
AUX_6		12015	0	1.446	12015	1.7	105.031	0	89.51
SD	89.89.5100								
AUX_6		12015	0	1.446	13000	1.7	101.171	182.2447	90.0541 DELTA
AUX_6		12015	0	1.446	13001	1.7	73.134	181.1055	89.4523 DELTA
	13001	AUX_6	0	1.44	AUX_6	1.7	73.144	0	89.5201
SD	89.89.5201								
	13001	AUX_6	0	1.44	13003	1.7	82.91	86.1001	90.0854 DELTA
	13003	13001	0	1.492	13001	1.7	82.93	0	89.3421
SD	89.89.3421								
	13003	13001	0	1.492	12017	1.7	188.016	88.0259	89.5809 DELTA
	12017	13003	0	1.469	13003	1.7	188.038	0	89.5516
SD	89.89.5516								
	12017	13003	0	1.469	12018	1.7	117.112	181.5516	89.4418 DELTA
	12017	13003	0	1.469	12015	1.7	67.52	83.2357	89.2558 DELTA
	12018	12017	0	1.475	12017	1.7	117.123	0	90.0114
SD	90.90.0114								
	12018	12017	0	1.475	12019	1.7	9.155	254.0045	88.3914 DELTA
	12018	12017	0	1.475	8	1.7	5.015	156.2152	86.3332 MANHOLE
	12019	12018	0	1.432	12018	1.7	9.181	0	88.1949
SD	88.88.1949								
	12019	12018	0	1.432	12014	1.7	66.58	108.3937	89.3349 DELTA
	12014	12019	0	1.426	12019	1.7	66.587	0	89.5537
SD	89.89.5537								
	12014	12019	0	1.426	12011	1.7	81.792	266.5945	90.0403 DELTA
	12014	12019	0	1.426	12013	1.7	67.164	82.4718	89.591 DELTA
	12011	12014	0	1.421	12014	1.7	81.82	0	89.3141
SD	89.89.3141								
	12011	12014	0	1.421	12010	1.7	94.807	85.142	89.4619 DELTA
	12011	12014	0	1.421	12009	1.7	97.811	178.5924	89.5741 DELTA
	12011	12014	0	1.421	9	1.7	18.825	355.5933	88.5113 MANHOLE
	12009	12011	0	1.467	12011	1.7	97.81	0	89.4527
SD	89.89.4527								
	12009	12011	0	1.467	12007	1.7	189.048	183.1722	89.5753 DELTA
	12009	12011	0	1.467	12008	1.7	86.98	92.5425	89.5159 DELTA
	12007	12009	0	1.442	12009	1.7	189.066	0	89.545
SD	89.89.5450								
	12007	12009	0	1.442	12006	1.7	344.883	180.5226	90.0307 DELTA
	12007	12009	0	1.442	12020	1.7	112.914	270.5925	89.5432 DELTA
	12007	12009	0	1.442	10	1.7	4.834	334.0741	86.5158 MANHOLE
	12020	12007	0	1.398	12007	1.7	112.917	0	89.4745
SD	89.89.4745								
	12020	12007	0	1.398	AUX_16	1.7	3.156	285.2604	85.3853 DELTA_AUX
	12020	12007	0	1.398	13011	1.7	165.063	173.2824	89.5422 DELTA
	13011	12020	0	1.441	12020	1.7	165.054	0	89.5202
SD	89.89.5202								
	13011	12020	0	1.441	13010	1.7	52.011	272.0055	89.2959 DELTA
	13010	13011	0	1.431	13011	1.7	52.011	0	89.4923
SD	89.89.4923								
	13010	13011	0	1.431	TUR_07	1.7	34.13	227.5135	90.1538 MOJON
	12006	12007	0	1.407	12007	1.7	344.885	0	89.4553
SD	89.89.4553								
	12006	12007	0	1.407	12004	1.7	108.871	83.5141	89.5548 DELTA
	12006	12007	0	1.407	12002	1.7	61.475	178.0324	90.0443 DELTA
	12002	12006	0	1.423	12006	1.7	61.484	0	89.1827
SD	89.89.1827								
	12002	12006	0	1.423	12001	1.7	61.307	94.3647	89.2809 DELTA
	12002	12006	0	1.423	TUR_06	1.7	93.105	150.3622	89.4244 MOJON
TUR_06		12002	0	1.41	12002	1.7	93.104	0	89.5648



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	12005	12003	0	1.543	12003	1.7	47.109	0	91.1407	
SD	91.91.1407									
	12005	12003	0.0001	1.543	12003	1.7	47.116	0.0001	91.14	
SD	91.91.1400									
	12005	12003	0.0001	1.543	1	1.7	29.777	7.4758	91.4701	TERRENO
	12005	12003	0.0001	1.543	2	1.7	25.48	4.4824	92.0744	TERRENO
	12005	12003	0.0001	1.543	3	1.7	26.633	4.5231	91.5421	TERRENO
	12005	12003	0.0001	1.543	4	1.7	23.444	2.0308	91.5537	TERRENO
	12005	12003	0.0001	1.543	5	1.7	20.837	359.1239	91.0451	TERRENO
	12005	12003	0.0001	1.543	6	1.7	18.331	357.2706	90.1222	TERRENO
	12005	12003	0.0001	1.543	7	1.7	16.643	355.085	89.2624	TERRENO
	12005	12003	0.0001	1.543	8	1.7	14.658	352.3917	89.1148	TERRENO
	12005	12003	0.0001	1.543	9	1.7	14.019	351.1628	90.581	TERRENO
	12005	12003	0.0001	1.543	10	1.7	13.54	349.1751	92.3958	TERRENO
	12005	12003	0.0001	1.543	11	1.7	12.947	346.3844	94.4213	TERRENO
	12005	12003	0.0001	1.543	12	1.7	12.496	343.591	96.4405	TERRENO
	12005	12003	0.0001	1.543	13	1.7	27.801	233.5155	92.2609	TERRENO
	12005	12003	0.0001	1.543	14	1.7	28.668	233.1318	90.5813	TERRENO
	12005	12003	0.0001	1.543	15	1.7	29.672	232.5015	90.0513	TERRENO
	12005	12003	0.0001	1.543	16	1.7	31.985	231.4317	89.5939	TERRENO
	12005	12003	0.0001	1.543	17	1.7	33.04	231.1511	90.4456	TERRENO
	12005	12003	0.0001	1.543	18	1.7	34.152	230.5754	91.3941	TERRENO
	12005	12003	0.0001	1.543	19	1.7	72.912	221.4105	89.591	TERRENO
	12005	12003	0.0001	1.543	20	1.7	70.823	222.0356	89.5918	TERRENO
	12005	12003	0.0001	1.543	21	1.7	70.021	222.1321	90.2115	TERRENO
	12005	12003	0.0001	1.543	22	1.7	69.355	222.1748	90.4049	TERRENO
	12005	12003	0.0001	1.543	23	1.7	68.911	222.282	90.5726	TERRENO
	12005	12003	0.0001	1.543	24	1.7	49.839	217.1946	91.2032	TERRENO
	12005	12003	0.0001	1.543	25	1.7	49.773	216.2313	90.5754	TERRENO
	12005	12003	0.0001	1.543	26	1.7	49.661	215.1914	90.2708	TERRENO
	12005	12003	0.0001	1.543	27	1.7	49.682	214.2012	89.5629	TERRENO
	12005	12003	0.0001	1.543	28	1.7	49.729	213.0736	89.5024	TERRENO
	12005	12003	0.0001	1.543	29	1.7	49.612	212.2046	89.5601	TERRENO
	12005	12003	0.0001	1.543	30	1.7	49.677	211.3017	90.1047	TERRENO
	12005	12003	0.0001	1.543	31	1.7	49.694	210.1419	90.4854	TERRENO
	12005	12003	0.0001	1.543	32	1.7	49.721	209.0646	91.1402	TERRENO
	12005	12003	0.0001	1.543	33	1.7	49.712	207.4902	91.5008	TERRENO
	12005	12003	0.0001	1.543	34	1.7	98.125	272.3325	90.035	TERRENO
	12005	12003	0.0001	1.543	35	1.7	97.432	272.1107	89.593	TERRENO
	12005	12003	0.0001	1.543	36	1.7	95.693	271.2732	90.1045	TERRENO
	12005	12003	0.0001	1.543	37	1.7	94.698	271.1441	90.3018	TERRENO
	12005	12003	0.0001	1.543	38	1.7	93.783	271.1537	90.4241	TERRENO
	12005	12003	0.0001	1.543	39	1.7	9.932	236.1049	95.2601	TERRENO
	12005	12003	0.0001	1.543	40	1.7	9.516	230.4822	92.0038	TERRENO
	12005	12003	0.0001	1.543	41	1.7	9.301	224.5622	89.565	TERRENO
	12005	12003	0.0001	1.543	42	1.7	9.055	219.2218	88.5504	TERRENO
	12005	12003	0.0001	1.543	43	1.7	8.861	212.1706	89.4959	TERRENO
	12005	12003	0.0001	1.543	44	1.7	8.843	207.1255	91.4644	TERRENO
	12005	12003	0.0001	1.543	45	1.7	8.935	200.0542	94.3612	TERRENO
	12005	12003	0.0001	1.543	46	1.7	9.219	193.5149	97.1907	TERRENO
	12005	12003	0.0001	1.543	47	1.7	9.86	183.3909	100.4835	TERRENO
	12005	12003	0.0001	1.543	48	2.9	86.657	295.5718	89.1104	TERRENO
	12005	12003	0.0001	1.543	49	2.9	84.917	295.523	89.0949	TERRENO
	12005	12003	0.0001	1.543	50	2.9	83.74	295.4915	89.12	TERRENO
	12005	12003	0.0001	1.543	51	2.9	82.926	295.4711	89.1535	TERRENO
	12005	12003	0.0001	1.543	52	2.9	82.32	295.434	89.3404	TERRENO
	12005	12003	0.0001	1.543	53	2.9	81.586	295.4232	89.4736	TERRENO
	12005	12003	0.0001	1.543	54	2.9	81.196	295.4548	89.5323	TERRENO
	12005	12003	0.0001	1.543	55	1.7	35.123	136.1436	90.0216	TERRENO



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	12005	12003	0.0001	1.543	56	1.7	33.984	136.4356	90.0727	TERRENO
	12005	12003	0.0001	1.543	57	1.7	32.907	137.0012	90.4243	TERRENO
	12005	12003	0.0001	1.543	58	1.7	31.57	137.2507	91.4249	TERRENO
	12005	12003	0.0001	1.543	59	1.7	30.474	137.4412	92.3921	TERRENO
	12005	12003	0.0001	1.543	60	1.7	29.961	137.5617	93.1242	TERRENO
	12005	12003	0.0001	1.543	61	1.7	29.263	138.1714	94.04	TERRENO
	12005	12003	0.0001	1.543	62	2.9	61.044	176.4329	88.5131	TERRENO
	12005	12003	0.0001	1.543	63	2.9	60.408	177.4652	88.503	TERRENO
	12005	12003	0.0001	1.543	64	2.9	59.464	179.0145	88.5249	TERRENO
	12005	12003	0.0001	1.543	65	2.9	58.805	180.004	89.1344	TERRENO
	12005	12003	0.0001	1.543	66	2.9	58.034	181.0129	89.4357	TERRENO
	12005	12003	0.0001	1.543	67	2.9	57.369	181.4853	90.1207	TERRENO
	12005	12003	0.0001	1.543	68	2.9	56.917	182.1553	90.4026	TERRENO
	12005	12003	0.0001	1.543	69	2.9	71.504	197.2603	89.4619	TERRENO
	12005	12003	0.0001	1.543	70	2.9	70.221	197.0934	89.391	TERRENO
	12005	12003	0.0001	1.543	71	2.9	69.01	197.0153	89.2417	TERRENO
	12005	12003	0.0001	1.543	72	2.9	67.874	196.4826	88.5956	TERRENO
	12005	12003	0.0001	1.543	73	2.9	66.303	196.3259	88.5259	TERRENO
	12005	12003	0.0001	1.543	74	2.9	64.882	196.1859	88.5115	TERRENO
	12005	12003	0.0001	1.543	75	2.9	64.133	196.0737	88.5921	TERRENO
	12005	12003	0.0001	1.543	76	2.9	63.413	195.5534	89.1703	TERRENO
	12005	12003	0.0001	1.543	77	2.9	62.565	195.3632	89.3556	TERRENO
	12005	12003	0.0001	1.543	78	2.9	61.758	195.2536	89.5031	TERRENO
	12005	12003	0.0001	1.543	79	2.9	60.904	195.1722	90.0912	TERRENO
	12005	12003	0.0001	1.543	80	2.9	60.347	195.1316	90.2827	TERRENO
	12005	12003	0.0001	1.543	81	1.7	16.555	104.1926	89.0037	TERRENO
	12005	12003	0.0001	1.543	82	1.7	16.122	107.5012	88.3601	TERRENO
	12005	12003	0.0001	1.543	83	1.7	15.879	110.5911	89.1937	TERRENO
	12005	12003	0.0001	1.543	84	1.7	15.564	115.3104	89.241	TERRENO
	12005	12003	0.0001	1.543	85	1.7	15.507	119.4457	89.1534	TERRENO
	12005	12003	0.0001	1.543	86	1.7	15.626	123.5818	90.4806	TERRENO
	12005	12003	0.0001	1.543	87	1.7	15.828	127.3154	92.5333	TERRENO
	12005	12003	0.0001	1.543	88	1.7	15.549	131.3352	94.383	TERRENO
	12005	12003	0.0001	1.543	89	1.7	15.78	136.2724	96.4704	TERRENO
	12007	12008	0.0001	1.519	12008	1.7	85.599	0.0001	89.5846	
SD	89.89.5846									
	12007	12008	0.0001	1.519	90	1.7	99.92	42.0054	89.5618	TERRENO
	12007	12008	0.0001	1.519	91	1.7	98.996	41.2023	89.554	TERRENO
	12007	12008	0.0001	1.519	92	1.7	97.968	40.5031	89.5934	TERRENO
	12007	12008	0.0001	1.519	93	2.5	97.445	40.3132	89.4702	TERRENO
	12007	12008	0.0001	1.519	94	2.5	97.073	40.1856	90.0051	TERRENO
	12007	12008	0.0001	1.519	95	2.5	96.682	40.0713	90.0908	TERRENO
	12007	12008	0.0001	1.519	96	1.7	73.603	18.5814	89.5909	TERRENO
	12007	12008	0.0001	1.519	97	1.7	72.952	18.1614	89.5536	TERRENO
	12007	12008	0.0001	1.519	98	1.7	72.701	17.4049	90.2333	TERRENO
	12007	12008	0.0001	1.519	99	1.7	72.444	17.1629	90.4242	TERRENO
	12007	12008	0.0001	1.519	100	1.7	72.285	16.5148	90.5531	TERRENO
	12007	12008	0.0001	1.519	101	1.7	72.109	16.2509	91.1025	TERRENO
	12007	12008	0.0001	1.519	102	1.7	64.913	349.1501	91.072	TERRENO
	12007	12008	0.0001	1.519	103	1.7	64.85	348.325	90.4716	TERRENO
	12007	12008	0.0001	1.519	104	1.7	64.659	347.5012	90.2252	TERRENO
	12007	12008	0.0001	1.519	105	1.7	64.657	346.5459	89.5958	TERRENO
	12007	12008	0.0001	1.519	106	1.7	64.538	345.5809	90.01	TERRENO
	12007	12008	0.0001	1.519	107	1.7	64.544	345.1923	90.0448	TERRENO
	12007	12008	0.0001	1.519	108	1.7	17.848	184.4145	93.0401	TERRENO
	12007	12008	0.0001	1.519	109	1.7	18.215	193.5446	93.1531	TERRENO
	12007	12008	0.0001	1.519	110	1.7	19.681	203.3206	92.5427	TERRENO
	12007	12008	0.0001	1.519	111	1.7	21.928	212.0951	92.5259	TERRENO
	12007	12008	0.0001	1.519	112	1.7	23.839	216.2146	92.4628	TERRENO



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	12007	12008	0.0001	1.519	113	1.7	26.538	220.2612	93.2324	TERRENO
	12007	12008	0.0001	1.519	114	2.9	13.467	317.094	84.4322	TERRENO
	12007	12008	0.0001	1.519	115	2.9	13.703	315.333	85.2132	TERRENO
	12007	12008	0.0001	1.519	116	4	14.053	314.1912	82.1435	TERRENO
	12007	12008	0.0001	1.519	117	4	14.42	312.0724	83.4409	TERRENO
	12007	12008	0.0001	1.519	118	4	14.588	310.4411	85.3358	TERRENO
	12007	12008	0.0001	1.519	119	4	15.013	308.292	86.1949	TERRENO
	12007	12008	0.0001	1.519	120	4	16.695	303.2824	86.3739	TERRENO
	12007	12008	0.0001	1.519	121	4	17.48	301.2831	86.4657	TERRENO
	12007	12008	0.0001	1.519	122	4	18.029	300.1922	86.565	TERRENO
	12007	12008	0.0001	1.519	123	2.9	64.625	345.0039	89.1137	TERRENO
	12007	12008	0.0001	1.519	124	2.9	64.529	344.2827	89.2355	TERRENO
	12007	12008	0.0001	1.519	125	2.9	64.488	343.5437	89.4245	TERRENO
	12007	12008	0.0001	1.519	126	4	64.499	343.015	89.0133	TERRENO
	12007	12008	0.0001	1.519	127	4	64.697	341.1959	89.0305	TERRENO
	12007	12008	0.0001	1.519	128	4	88.158	0.43	88.4139	TERRENO
	12007	12008	0.0001	1.519	129	4	88.679	0.381	88.5055	TERRENO
	12007	12008	0.0001	1.519	130	4	89.345	0.3829	89.0351	TERRENO
	12007	12008	0.0001	1.519	131	4	90.278	0.3416	89.1444	TERRENO
	12007	12008	0.0001	1.519	132	4	91.202	0.2439	89.1235	LINDERO
	12007	12008	0.0001	1.519	133	4	92.483	0.323	89.0855	TERRENO
	12007	12008	0.0001	1.519	134	4	93.535	0.3134	89.0944	TERRENO
	12007	12008	0.0001	1.519	135	4	94.763	0.2414	89.1228	TERRENO
	12007	12008	0.0001	1.519	136	4	96.304	0.2808	89.154	TERRENO
	12003	12005	0	1.474	12005	1.7	47.123	0	88.1818	
SD	88.88.1818									
	12003	12005	0	1.474	137	1.7	37.284	124.0109	90.0915	TERRENO
	12003	12005	0	1.474	138	1.7	37.198	116.5536	90.0845	TERRENO
	12003	12005	0	1.474	139	1.7	37.841	110.3242	90.1245	TERRENO
	12003	12005	0	1.474	140	1.7	38.789	104.4206	90.2152	TERRENO
	12003	12005	0	1.474	141	1.7	40.234	99.0701	90.1933	TERRENO
	12003	12005	0	1.474	142	1.7	42.161	93.272	90.2011	TERRENO
	12003	12005	0	1.474	143	1.7	43.435	89.1347	90.1235	TERRENO
	12003	12005	0	1.474	144	1.7	43.847	88.3032	89.4518	TERRENO
	12003	12005	0	1.474	145	1.7	44.192	87.4902	89.1521	TERRENO
	12003	12005	0	1.474	146	1.7	44.694	86.5808	88.4306	TERRENO
	12003	12005	0	1.474	147	2.9	45.082	86.2404	86.5449	TERRENO
	12003	12005	0	1.474	148	2.9	45.404	85.4834	86.4954	TERRENO
	12003	12005	0	1.474	149	1.7	18.278	348.2405	88.5857	TERRENO
	12003	12005	0	1.474	150	1.7	13.767	334.3947	88.3607	TERRENO
	12003	12005	0	1.474	151	1.7	10.164	297.0827	88.2305	TERRENO
	12003	12005	0	1.474	152	1.7	23.603	348.5616	90.0826	LINDERO
	12003	12005	0	1.474	153	1.7	47.257	328.0613	90.172	LINDERO
	12003	12005	0	1.474	154	1.7	74.114	320.3312	90.2413	LINDERO
	12003	12005	0	1.474	155	1.7	61.081	317.25	90.1959	PARAMENTO
	12003	12005	0	1.474	156	1.7	51.664	311.3325	90.0635	PARAMENTO
	12003	12005	0	1.474	157	4	50.123	335.1542	87.353	TERRENO
	12003	12005	0	1.474	158	4	51.426	337.5327	87.3328	TERRENO
	12003	12005	0	1.474	159	4	52.135	339.3438	87.1856	TERRENO
	12003	12005	0	1.474	160	2.2	53.088	342.2802	87.574	TERRENO
	12006	12004	359.5959	1.526	12004	1.7	12.307	359.5959	95.5237	
SD	95.95.5237									
	12006	12004	359.5959	1.526	12004	1.7	12.305	0	95.5237	
SD	95.95.5237									
	12006	12004	359.5959	1.526	161	2.6	42.322	136.3856	88.3647	TERRENO
	12006	12004	359.5959	1.526	162	2.6	40.481	135.2954	88.3613	TERRENO
	12006	12004	359.5959	1.526	163	4	17.309	171.4315	81.4621	TERRENO
	12006	12004	359.5959	1.526	164	2.6	39.394	134.4618	89.0429	TERRENO
	12006	12004	359.5959	1.526	165	4	17.761	177.2756	83.0626	TERRENO



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	12006	12004	359.5959	1.526	166	5	18.373	180.564	81.2845	TERRENO
	12006	12004	359.5959	1.526	167	5	18.519	186.1325	83.0539	TERRENO
	12006	12004	359.5959	1.526	168	5	18.836	190.4804	83.2456	LINDERO
	12006	12004	359.5959	1.526	169	5	19.888	195.135	83.3717	TERRENO
	12006	12004	359.5959	1.526	170	5	21.335	202.4019	84.0946	TERRENO
	12006	12004	359.5959	1.526	171	4	38.331	134.1222	87.5946	TERRENO
	12006	12004	359.5959	1.526	172	4	37.94	133.355	88.1447	TERRENO
	12009	12007	0	1.575	12007	1.7	35.001	0	89.3844	
SD	89.89.3844									
	12009	12007	0	1.575	173	1.7	8.636	110.5245	89.0337	TERRENO
	12009	12007	0	1.575	174	1.7	8.653	116.5933	92.2256	TERRENO
	12009	12007	0	1.575	175	1.7	8.834	121.5649	94.415	TERRENO
	12009	12007	0	1.575	176	1.7	9.13	126.3539	95.3626	TERRENO
	12009	12007	0	1.575	177	1.7	9.464	131.1617	95.4712	TERRENO
	12009	12007	0	1.575	178	1.7	10.868	144.1534	95.4332	LINDERO
	12009	12007	0	1.575	179	1.7	2.231	96.5109	88.083	TERRENO
	12009	12007	0	1.575	180	1.7	2.778	128.0745	89.5147	TERRENO
	12009	12007	0	1.575	181	1.7	3.44	141.0805	98.4126	TERRENO
	12009	12007	0	1.575	182	1.7	5.615	157.0717	99.5211	TERRENO
	12009	12007	0	1.575	183	1.7	4.671	151.4334	101.1201	TERRENO
	12009	12007	0	1.575	184	1.7	15.794	131.1708	93.5812	LINDERO
	12009	12007	0	1.575	185	1.7	8.248	166.0755	97.39	LINDERO
	12009	12007	0	1.575	186	1.7	15.332	127.4157	94.0111	TERRENO
	12009	12007	0	1.575	187	1.7	14.902	122.1112	94.0023	TERRENO
	12009	12007	0	1.575	188	1.7	14.567	116.4841	93.4049	TERRENO
	12009	12007	0	1.575	189	1.7	14.384	111.2827	91.1922	TERRENO
	12009	12007	0	1.575	190	1.7	14.196	106.4153	89.1612	TERRENO
	12009	12007	0	1.575	191	1.7	14.408	97.2935	89.2156	TERRENO
	12005	12007	359.5959	1.536	12007	1.7	65.687	359.5959	89.5416	
SD	89.89.5416									
	12005	12007	359.5959	1.536	192	4	45.44	283.3221	89.0909	LINDERO
	12005	12007	359.5959	1.536	193	4	42.758	283.4547	89.0422	TERRENO
	12005	12007	359.5959	1.536	194	4	39.193	284.0307	88.4535	TERRENO
	12005	12007	359.5959	1.536	195	4	37.9	284.2154	88.2514	TERRENO
	12005	12007	359.5959	1.536	196	2.9	36.953	284.3835	88.5008	TERRENO
	12005	12007	359.5959	1.536	197	2.9	36.246	284.461	88.1232	TERRENO
	12005	12007	359.5959	1.536	198	2.9	35.493	289.3956	87.5627	TERRENO
	12005	12007	359.5959	1.536	199	2.9	32.894	276.001	87.4948	TERRENO
	12005	12007	359.5959	1.536	200	1.7	27.382	267.2046	89.5513	TERRENO
	12005	12007	359.5959	1.536	201	1.7	21.32	261.5909	89.1527	TERRENO
	12005	12007	359.5959	1.536	202	1.7	11.571	247.0352	88.3659	TERRENO
	12005	12007	359.5959	1.536	203	1.7	8.091	213.1952	88.484	TERRENO
	12005	12007	359.5959	1.536	204	1.7	7.796	184.2509	88.3945	TERRENO
	12005	12007	359.5959	1.536	205	1.7	12.571	175.095	90.2334	TERRENO
	12005	12007	359.5959	1.536	206	1.7	12.047	162.5158	89.3104	TERRENO
	12005	12007	359.5959	1.536	207	1.7	28.772	5.5325	89.5528	TERRENO
	12005	12007	359.5959	1.536	208	1.7	30.927	18.0235	89.5846	TERRENO
	12005	12007	359.5959	1.536	209	1.7	37.247	37.1613	90.0911	TERRENO
	12005	12007	359.5959	1.536	210	1.7	45.881	50.0031	89.5319	TERRENO



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	12001	12000	0.0001	1.396	12000	1.7	58.91	0.0001	89.3907	
SD	89.89.3907									
	12001	12000	0.0001	1.396	12000	1.7	58.909	0	89.3907	
SD	89.89.3907									
	12001	12000	0.0001	1.396	1	1.7	26.241	13.462	88.2051	PARAMENTO
	12001	12000	0.0001	1.396	2	1.7	20.2	20.3335	87.5404	PARAMENTO
	12001	12000	0.0001	1.396	3	1.7	26.007	9.0822	89.1507	LINDERO
	12001	12000	0.0001	1.396	4	1.7	22.766	11.2718	88.2536	POSTE
	12001	12000	0.0001	1.396	5	1.7	19.204	15.2837	88.0444	LINDERO
	12001	12000	0.0001	1.396	6	1.7	10.142	36.3716	88.0314	LINDERO
	12001	12000	0.0001	1.396	7	1.7	20.085	346.5209	88.1701	LINDERO
	12001	12000	0.0001	1.396	8	1.7	23.557	34.1949	88.4816	PARAMENTO
	12001	12000	0.0001	1.396	9	1.7	15.532	44.0511	87.3011	PARAMENTO
	12001	12000	0.0001	1.396	10	1.7	11.145	69.0819	87.1959	PARAMENTO
	12001	12000	0.0001	1.396	11	1.7	16.563	75.593	88.5242	PARAMENTO
	12001	12000	0.0001	1.396	12	1.7	9.575	135.3924	86.3024	POSTE
	12001	12000	0.0001	1.396	13	1.7	9.93	130.3452	86.0553	LINDERO
	12001	12000	0.0001	1.396	14	1.7	13.471	192.2247	85.4121	LINDERO
	12001	12000	0.0001	1.396	15	1.7	23.517	157.322	88.2652	LINDERO
	12001	12000	0.0001	1.396	16	1.7	25.481	149.4059	87.3622	PARAMENTO
	12001	12000	0.0001	1.396	17	1.7	32.327	155.5454	88.0607	PARAMENTO
	12001	12000	0.0001	1.396	18	1.7	32.617	159.5359	88.0337	PARAMENTO
	12001	12000	0.0001	1.396	19	1.7	32.953	158.0058	88.4126	PARAMENTO
	12001	12000	0.0001	1.396	20	1.7	42.974	164.0355	88.3134	PARAMENTO
	12001	12000	0.0001	1.396	21	1.7	42.447	167.5427	89.0507	POSTE
	12001	12000	0.0001	1.396	22	1.7	43.422	166.3757	89.1154	LINDERO
	12001	12000	0.0001	1.396	23	1.7	42.213	181.1301	88.4255	LINDERO
	12001	12000	0.0001	1.396	24	1.7	52.878	166.0945	89.1542	PARAMENTO
	12001	12000	0.0001	1.396	25	1.7	58.404	167.0419	89.2242	PARAMENTO
	12001	12000	0.0001	1.396	26	1.7	53.117	164.2916	89.3222	PARAMENTO
	12001	12000	0.0001	1.396	27	1.7	51.859	168.2237	89.1613	LINDERO
	12001	12000	0.0001	1.396	28	1.7	61.42	179.2942	88.5658	LINDERO
	12001	12000	0.0001	1.396	29	1.7	58.387	169.0151	89.265	LINDERO
	12001	12000	0.0001	1.396	30	1.7	70.371	171.1851	89.2546	POSTE
	12001	12000	0.0001	1.396	12002	1.7	92.505	176.5748	89.2206	DELTA
	12002	12001	0	1.445	12001	1.7	92.504	0	90.1753	
SD	90.90.1753									
	12002	12001	0	1.445	31	1.7	7.584	79.5254	89.0343	CERRAMIENT
	12002	12001	0	1.445	32	1.7	18.259	159.2149	89.1745	CERRAMIENT
	12002	12001	0	1.445	33	1.7	3.415	231.2229	85.4715	LINDERO
	12002	12001	0	1.445	34	1.7	32.279	183.2709	89.3302	LINDERO
	12002	12001	0	1.445	35	1.7	68.434	187.3915	90.0609	PARAMENTO
	12002	12001	0	1.445	36	1.7	62.789	189.2055	90.0317	PARAMENTO
	12002	12001	0	1.445	37	1.7	71.806	204.5201	89.4842	PARAMENTO
	12002	12001	0	1.445	38	1.7	79.224	211.5343	89.4633	PARAMENTO
	12002	12001	0	1.445	39	1.7	69.329	212.3206	89.5214	PARAMENTO
	12002	12001	0	1.445	40	1.7	58.783	220.484	89.3814	PARAMENTO
	12002	12001	0	1.445	41	1.7	63.516	224.4951	89.4937	PARAMENTO
	12002	12001	0	1.445	12003	1.7	48.033	260.5833	89.1306	DELTA
	12003	12002	0	1.43	12002	1.7	48.043	0	90.1007	
SD	90.90.1007									
	12003	12002	0	1.43	42	1.7	23.735	131.4914	90.2029	LINDERO
	12003	12002	0	1.43	43	1.7	19.43	124.3951	90.1852	ARBOL
	12003	12002	0	1.43	44	1.7	18.212	120.3359	89.3408	ARBOL
	12003	12002	0	1.43	45	1.7	16.365	114.2022	89.4721	ARBOL
	12003	12002	0	1.43	46	1.7	12.948	60.3917	90.5549	ARBOL
	12003	12002	0	1.43	47	1.7	17.518	151.5316	88.5123	TERRENO
	12003	12002	0	1.43	48	1.7	23.441	155.2339	88.4425	TERRENO
	12003	12002	0	1.43	49	1.7	25.795	156.4208	86.4724	TERRENO



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12003	12002	0	1.43	50	1.7	18.474	194.1647	89.2551	TERRENO
12003	12002	0	1.43	51	1.7	22.947	191.454	88.4659	TERRENO
12003	12002	0	1.43	52	1.7	25.08	190.5952	86.4128	TERRENO
12003	12002	0	1.43	53	1.7	26.224	223.3044	90.2745	TERRENO
12003	12002	0	1.43	54	1.7	29.869	217.1311	90.0814	TERRENO
12003	12002	0	1.43	55	1.7	32.296	214.5021	87.4245	TERRENO
12003	12002	0	1.43	56	1.7	46.976	241.4927	90.1249	TERRENO
12003	12002	0	1.43	57	1.7	49.467	236.445	89.5923	TERRENO
12003	12002	0	1.43	58	1.7	50.409	235.1316	88.4735	TERRENO
12003	12002	0	1.43	59	1.7	64.645	248.2007	90.0116	TERRENO
12003	12002	0	1.43	60	1.7	65.598	244.5458	89.5156	TERRENO
12003	12002	0	1.43	61	1.7	65.916	242.5416	88.5708	TERRENO
12003	12002	0	1.43	12005	1.7	47.126	143.1626	88.1527	DELTA
12003	12002	0	1.43	12004	1.7	59.893	245.1953	90.0703	DELTA
12004	12003	0	1.411	12003	1.7	59.892	0	89.2218	
SD	89.89.2218								
12004	12003	0	1.411	62	1.7	4.83	143.1239	69.2	ESTRUCTURA
12004	12003	0	1.411	63	1.7	5.457	153.1223	71.4444	ESTRUCTURA
12004	12003	0	1.411	64	1.7	6.011	135.4253	73.2911	ESTRUCTURA
12004	12003	0	1.411	65	1.7	6.486	144.0954	74.3951	ESTRUCTURA
12004	12003	0	1.411	66	1.7	4.727	143.0123	71.1203	ESTRUCTURA
12004	12003	0	1.411	67	1.7	4.821	145.0211	71.4057	ESTRUCTURA
12004	12003	0	1.411	68	1.7	5.283	152.0842	73.1837	ESTRUCTURA
12004	12003	0	1.411	69	1.7	5.382	153.3754	74.0818	ESTRUCTURA
12004	12003	0	1.411	70	1.7	3.168	163.5645	76.2547	ESTRUCTURA
12004	12003	0	1.411	71	1.7	3.296	165.5016	77.1322	ESTRUCTURA
12004	12003	0	1.411	72	1.7	3.955	172.4655	78.2455	ESTRUCTURA
12004	12003	0	1.411	73	1.7	4.092	172.4656	78.2455	ESTRUCTURA
12004	12003	0	1.411	74	1.7	3.933	171.3035	78.0836	ESTRUCTURA
12004	12003	0	1.411	75	1.7	3.097	164.2932	81.4558	ESTRUCTURA
12004	12003	0	1.411	76	1.7	3.223	166.1336	83.3001	ESTRUCTURA
12004	12003	0	1.411	77	1.7	4.023	173.1424	82.4541	ESTRUCTURA
12004	12003	0	1.411	78	1.7	3.858	172.0033	83.5608	ESTRUCTURA
12004	12003	0	1.411	79	1.7	3.765	156.1656	78.5037	ESTRUCTURA
12004	12003	0	1.411	80	1.7	4.263	162.494	80.0536	ESTRUCTURA
12004	12003	0	1.411	81	1.7	4.652	145.2705	80.4936	ESTRUCTURA
12004	12003	0	1.411	82	1.7	5.064	151.4942	81.3333	ESTRUCTURA
12004	12003	0	1.411	83	1.7	2.641	177.3506	81.5431	BORDE_CANO
12004	12003	0	1.411	84	1.7	3.73	184.0219	86.3521	BORDE_CANO
12004	12003	0	1.411	85	1.7	6.69	269.3051	88.5904	BORDE_CANO
12004	12003	0	1.411	86	1.7	7.117	257.5427	91.0824	BORDE_CANO
12004	12003	0	1.411	87	1.7	19.096	282.1726	90.1803	BORDE_CANO
12004	12003	0	1.411	88	1.7	18.775	277.4006	90.0116	BORDE_CANO
12004	12003	0	1.411	89	1.7	32.809	285.2052	90.1128	BORDE_CANO
12004	12003	0	1.411	90	1.7	32.603	282.5448	90.2554	BORDE_CANO
12004	12003	0	1.411	91	1.7	47.999	286.4355	90.0041	BORDE_CANO
12004	12003	0	1.411	92	1.7	47.972	284.3907	89.5759	BORDE_CANO
12004	12003	0	1.411	93	1.7	54.163	287.0749	89.5731	BORDE_CANO
12004	12003	0	1.411	94	1.7	54.364	285.1714	89.5845	BORDE_CANO
12004	12003	0	1.411	95	1.7	57.732	291.1415	89.5953	BORDE_CANO
12004	12003	0	1.411	96	1.7	57.198	286.52	89.5702	BORDE_CANO
12004	12003	0	1.411	97	1.7	64.948	300.2903	90	BORDE_CANO
12004	12003	0	1.411	98	1.7	66.131	299.2728	90.0347	BORDE_CANO
12004	12003	0	1.411	99	1.7	71.477	306.3234	90.0241	BORDE_CANO
12004	12003	0	1.411	100	1.7	72.491	305.2506	90.0251	BORDE_CANO
12004	12003	0	1.411	101	1.7	73.524	308.3322	90.0603	BORDE_CANO
12004	12003	0	1.411	102	1.7	74.27	306.2416	90.2823	BORDE_CANO
12004	12003	0	1.411	103	1.7	13.202	191.4308	88.0721	LINDERO
12004	12003	0	1.411	104	1.7	6.258	177.275	84.1959	ARBOL



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	12004	12003	0	1.411	105	1.7	3.651	82.12	77.1506	ARBOL
	12004	12003	0	1.411	106	1.7	11.076	38.3923	85.4115	ARBOL
	12004	12003	0	1.411	107	1.7	17.515	32.4618	87.17	ARBOL
	12005	12003	0	1.432	12003	1.7	47.124	0	91.0615	
SD	91.91.0615									
	12005	12003	0	1.432	12006	1.7	84.92	307.1335	89.5452	DELTA
	12005	12003	0	1.432	108	1.7	9.727	13.5843	88.551	TERRENO
	12005	12003	0	1.432	109	1.7	9.461	9.3337	91.5029	TERRENO
	12005	12003	0	1.432	110	1.7	9.263	5.3216	94.2935	LAGUNA
	12005	12003	0	1.432	111	1.7	12.537	351.5334	93.2006	LAGUNA
	12005	12003	0	1.432	112	1.7	8.394	4.2421	95.0752	LAGUNA
	12005	12003	0	1.432	113	1.7	7.488	0.235	95.4524	LAGUNA
	12005	12003	0	1.432	114	1.7	11.014	0.2512	94.0803	LAGUNA
	12005	12003	0	1.432	115	1.7	4.185	326.3532	100.2744	LAGUNA
	12005	12003	0	1.432	116	1.7	3.029	357.2015	85.0547	PASARELA
	12005	12003	0	1.432	117	1.7	2.699	54.44	84.1305	PASARELA
	12005	12003	0	1.432	118	1.7	1.728	67.1241	81.0328	PASARELA
	12005	12003	0	1.432	119	1.7	1.511	8.5727	80.0421	PASARELA
	12005	12003	0	1.432	120	1.7	1.836	7.2431	81.2107	CAM_INSPEC
	12005	12003	0	1.432	121	1.7	2.736	357.3754	84.2137	CAM_INSPEC
	12005	12003	0	1.432	122	1.7	8.033	223.5937	88.0122	ESTRUCTURA
	12005	12003	0	1.432	123	1.7	9.062	222.2327	88.1639	ESTRUCTURA
	12005	12003	0	1.432	124	1.7	8.203	228.3243	88.0533	ESTRUCTURA
	12005	12003	0	1.432	125	1.7	9.235	226.4203	88.2137	ESTRUCTURA
	12005	12003	0	1.432	126	1.7	8.334	228.4332	89.213	ESTRUCTURA
	12005	12003	0	1.432	127	1.7	9.037	227.174	89.44	ESTRUCTURA
	12005	12003	0	1.432	128	1.7	8.125	229.1813	89.194	ESTRUCTURA
	12005	12003	0	1.432	129	1.7	9.248	226.5148	89.4201	ESTRUCTURA
	12005	12003	0	1.432	130	1.7	8.921	237.3117	94.2415	ESTRUCTURA
	12005	12003	0	1.432	131	1.7	8.692	238.1352	94.1713	ESTRUCTURA
	12005	12003	0	1.432	132	1.7	9.777	235.2735	94.0105	ESTRUCTURA
	12005	12003	0	1.432	133	1.7	9.545	235.5903	93.595	ESTRUCTURA
	12005	12003	0	1.432	134	1.7	8.397	228.4026	94.2056	ESTRUCTURA
	12005	12003	0	1.432	135	1.7	9.051	227.2346	93.5938	ESTRUCTURA
	12005	12003	0	1.432	136	1.7	8.83	236.2517	94.1039	ESTRUCTURA
	12005	12003	0	1.432	137	1.7	9.465	235.0127	93.511	ESTRUCTURA
	12005	12003	0	1.432	138	1.7	9.649	237.1942	94.5014	ESTRUCTURA
	12005	12003	0	1.432	139	1.7	26.383	218.2545	89.494	TERRENO
	12005	12003	0	1.432	140	1.7	25.475	222.4307	91.423	TERRENO
	12005	12003	0	1.432	141	1.7	26.027	220.0605	90.3538	TERRENO
	12005	12003	0	1.432	142	1.7	26.634	224.5951	91.385	LAGUNA
	12005	12003	0	1.432	143	1.7	27.252	227.4459	91.4507	LAGUNA
	12005	12003	0	1.432	144	1.7	23.725	221.5754	91.4722	LAGUNA
	12005	12003	0	1.432	145	1.7	22.127	222.4005	91.5838	LAGUNA
	12005	12003	0	1.432	146	1.7	23.64	206.5201	91.1543	ARBOL
	12005	12003	0	1.432	147	1.7	16.104	206.0535	91.5313	ARBOL
	12005	12003	0	1.432	148	1.7	11.362	204.3525	91.1531	ARBOL
	12005	12003	0	1.432	149	1.7	14.519	199.1239	93.5855	ARBOL
	12005	12003	0	1.432	150	1.7	16.603	201.2319	94.2601	ARBOL
	12005	12003	0	1.432	151	1.7	5.23	201.4032	89.1028	ARBOL
	12005	12003	0	1.432	152	1.7	6.803	189.5342	95.5118	ARBOL
	12005	12003	0	1.432	153	1.7	5.389	163.4218	101.2527	ARBOL
	12005	12003	0	1.432	154	1.7	4.186	177.4053	94.3809	ARBOL
	12005	12003	0	1.432	155	1.7	6.646	239.0357	91.4145	ARBOL
	12005	12003	0	1.432	156	1.7	36.203	256.0452	91.1419	ARBOL
	12005	12003	0	1.432	157	1.7	49.729	270.5203	90.5949	LAGUNA
	12005	12003	0	1.432	158	1.7	49.734	270.545	90.5833	ARBOL
	12005	12003	0	1.432	159	1.7	33.76	318.2246	91.1613	LAGUNA
	12005	12003	0	1.432	160	1.7	52.341	271.5236	90.2748	ARBOL



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	12005	12003	0	1.432	161	1.7	57.52	275.3514	90.4129	ARBOL
	12005	12003	0	1.432	162	1.7	44.109	313.5139	91.1048	ARBOL
	12005	12003	0	1.432	163	1.7	67.621	279.0614	90.1308	ARBOL
	12005	12003	0	1.432	164	1.7	75.905	282.2633	90.481	ARBOL
	12005	12003	0	1.432	165	1.7	47.109	313.3923	90.5019	ARBOL
	12005	12003	0	1.432	166	1.7	80.298	282.4535	89.5831	ARBOL
	12005	12003	0	1.432	167	1.7	76.62	282.1041	90.1656	ARBOL
	12005	12003	0	1.432	168	1.7	68.328	274.4556	90.0806	ARBOL
	12005	12003	0	1.432	169	1.7	72.291	276.1625	90.0552	ARBOL
	12005	12003	0	1.432	170	1.7	73.506	276.5307	90.0533	ARBOL
	12005	12003	0	1.432	171	1.7	76.17	277.4616	90.03	ARBOL
	12005	12003	0	1.432	172	1.7	41.113	250.1147	90.58	ARBOL
	12005	12003	0	1.432	173	1.7	37.847	247.2453	89.5649	ARBOL
	12005	12003	0	1.432	12007	1.7	65.704	212.3451	89.4929	DELTA
	12006	12005	0.0001	1.456	12005	1.7	84.911	0.0001	89.4455	
SD	89.89.4455									
	12006	12005	0.0001	1.456	12008	1.7	84.91	0	89.4455	DELTA
	12006	12005	0.0001	1.456	12008	1.7	57.973	85.0405	89.4923	DELTA
	12006	12005	0.0001	1.456	174	2	33.49	79.3633	89.2345	TERRENO
	12006	12005	0.0001	1.456	175	2	32.964	78.0108	90.3851	LAGUNA
	12006	12005	0.0001	1.456	176	2	33.681	75.5424	90.4131	LAGUNA
	12006	12005	0.0001	1.456	177	2	34.687	76.372	89.1725	TERRENO
	12006	12005	0.0001	1.456	178	2	33.759	78.2406	89.4614	ARBOL
	12006	12005	0.0001	1.456	179	2	32.624	79.2404	89.3555	ARBOL
	12006	12005	0.0001	1.456	180	2	30.695	78.0459	90.4949	LAGUNA
	12006	12005	0.0001	1.456	181	2	26.508	77.4617	90.4845	LAGUNA
	12006	12005	0.0001	1.456	182	2	26.607	83.054	88.4849	PASARELA
	12006	12005	0.0001	1.456	183	2	26.744	85.3503	88.5014	PASARELA
	12006	12005	0.0001	1.456	184	1.7	3.828	341.5751	101.5348	LAGUNA
	12006	12005	0.0001	1.456	185	1.7	8.189	344.4553	95.0915	LAGUNA
	12006	12005	0.0001	1.456	186	1.7	12.807	348.0321	93.1518	LAGUNA
	12006	12005	0.0001	1.456	187	1.7	3.553	18.0833	103.3115	LAGUNA
	12006	12005	0.0001	1.456	188	1.7	5.679	52.0208	97.4026	LAGUNA
	12006	12005	0.0001	1.456	189	1.7	4.256	65.4734	88.2952	TERRENO
	12006	12005	0.0001	1.456	190	1.7	16.668	78.5002	89.0805	ESTRUCTURA
	12006	12005	0.0001	1.456	191	1.7	15.559	78.2428	89.0545	ESTRUCTURA
	12006	12005	0.0001	1.456	192	1.7	16.665	78.5414	89.0803	ESTRUCTURA
	12006	12005	0.0001	1.456	193	1.7	16.654	78.4402	89.3717	ESTRUCTURA
	12006	12005	0.0001	1.456	194	1.7	16.482	78.424	89.392	ESTRUCTURA
	12006	12005	0.0001	1.456	195	1.7	15.765	78.2614	89.433	ESTRUCTURA
	12006	12005	0.0001	1.456	196	1.7	15.544	78.1746	89.4611	ESTRUCTURA
	12006	12005	0.0001	1.456	197	1.7	16.941	73.2443	92.0319	ESTRUCTURA
	12006	12005	0.0001	1.456	198	1.7	16.712	73.1319	92.0502	ESTRUCTURA
	12006	12005	0.0001	1.456	199	1.7	15.941	72.5539	92.0528	ESTRUCTURA
	12006	12005	0.0001	1.456	200	1.7	15.81	72.434	92.1053	ESTRUCTURA
	12006	12005	0.0001	1.456	201	1.7	16.472	78.3548	92.1651	ESTRUCTURA
	12006	12005	0.0001	1.456	202	1.7	15.803	78.1721	92.2404	ESTRUCTURA
	12006	12005	0.0001	1.456	203	1.7	16.659	73.2658	92.151	ESTRUCTURA
	12006	12005	0.0001	1.456	204	1.7	16.051	73.1945	92.1936	ESTRUCTURA
	12006	12005	0.0001	1.456	205	1.7	16.388	72.0915	92.3714	ESTRUCTURA
	12006	12005	0.0001	1.456	206	1.7	16.688	77.371	89.3818	ESTRUCTURA
	12006	12005	0.0001	1.456	207	1.7	16.512	77.3359	89.3953	ESTRUCTURA
	12006	12005	0.0001	1.456	208	1.7	15.769	77.2903	89.4608	ESTRUCTURA
	12006	12005	0.0001	1.456	209	1.7	15.583	77.2352	89.4815	ESTRUCTURA
	12008	12006	0	1.409	12006	1.7	57.987	0	89.3902	
SD	89.89.3902									
	12008	12006	0	1.409	210	1.7	13.636	168.375	89.595	ARBOL
	12008	12006	0	1.409	211	1.7	7.865	159.5052	90.5331	ARBOL
	12008	12006	0	1.409	212	1.7	3.82	136.2752	89.4658	ARBOL



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	12008	12006	0	1.409	213	1.7	3.468	152.2715	85.0226	ARBOL
	12008	12006	0	1.409	214	1.7	3.264	50.1001	89.444	ARBOL
	12008	12006	0	1.409	215	1.7	19.63	18.3904	90.3013	ARBOL
	12008	12006	0	1.409	216	1.7	21.12	26.3932	90.0249	ARBOL
	12008	12006	0	1.409	217	1.7	22.347	30.0243	89.1937	ARBOL
	12008	12006	0	1.409	218	1.7	24.464	39.1547	90.2712	ARBOL
	12008	12006	0	1.409	219	1.7	26.272	43.3505	90.1603	ARBOL
	12008	12006	0	1.409	220	1.7	27.147	46.0118	90.2022	ARBOL
	12008	12006	0	1.409	221	1.7	57.784	70.5204	90.023	ARBOL
	12008	12006	0	1.409	222	1.7	62.013	72.4657	90.2536	ARBOL
	12008	12006	0	1.409	223	1.7	65.332	72.4424	89.5333	ARBOL
	12008	12006	0	1.409	224	1.7	28.708	127.3512	89.49	ARBOL
	12008	12006	0	1.409	225	1.7	31.372	124.0251	89.514	ARBOL
	12008	12006	0	1.409	226	1.7	36.354	119.3547	89.5004	ARBOL
	12008	12006	0	1.409	227	1.7	38.425	118.1732	89.3532	ARBOL
	12008	12006	0	1.409	228	1.7	42.357	115.3204	89.4538	ARBOL
	12008	12006	0	1.409	229	1.7	46.551	66.1835	90.4136	LAGUNA
	12008	12006	0	1.409	230	1.7	19.586	13.2814	89.4255	TERRENO
	12008	12006	0	1.409	231	1.7	18.33	8.0444	90.0837	TERRENO
	12008	12006	0	1.409	232	1.7	16.369	8.3229	90.3211	TERRENO
	12008	12006	0	1.409	233	1.7	16.971	10.5726	91.4901	LAGUNA
	12008	12006	0	1.409	234	1.7	17.805	10.5052	91.5021	LAGUNA
	12008	12006	0	1.409	235	1.7	18.691	13.4122	91.5652	LAGUNA
	12008	12006	0	1.409	236	1.7	12.619	170.0737	89.4912	TERRENO
	12008	12006	0	1.409	237	1.7	12.709	165.0025	92.2029	LAGUNA
	12008	12006	0	1.409	238	1.7	16.621	172.0327	89.3957	TERRENO
	12008	12006	0	1.409	239	1.7	15.962	166.4127	91.5233	LAGUNA
	12008	12006	0	1.409	240	1.7	18.714	163.2134	89.2224	TERRENO
	12008	12006	0	1.409	241	1.7	17.41	161.3716	91.3958	LAGUNA
	12008	12006	0	1.409	242	1.7	20.174	153.4412	89.3722	TERRENO
	12008	12006	0	1.409	243	1.7	18.771	152.5931	91.3626	LAGUNA
	12008	12006	0	1.409	244	1.7	1.75	30.421	79.5054	PASARELA
	12008	12006	0	1.409	245	1.7	1.565	350.4916	82.0956	PASARELA
	12008	12006	0	1.409	246	1.7	2.337	50.1751	81.4821	ESTRUCTURA
	12008	12006	0	1.409	247	1.7	1.789	78.3004	82.2849	ESTRUCTURA
	12008	12006	0	1.409	248	1.7	1.796	78.4613	84.2932	ESTRUCTURA
	12008	12006	0	1.409	249	1.7	1.861	73.5408	84.2608	ESTRUCTURA
	12008	12006	0	1.409	250	1.7	2.363	50.5834	85.2334	ESTRUCTURA
	12008	12006	0	1.409	251	1.7	2.265	54.4025	85.1639	ESTRUCTURA
	12008	12006	0	1.409	252	1.7	2.553	54.202	86.1849	ESTRUCTURA
	12008	12006	0	1.409	253	1.7	2.436	58.1021	86.2304	ESTRUCTURA
	12008	12006	0	1.409	254	1.7	2.136	80.4717	86.3139	ESTRUCTURA
	12008	12006	0	1.409	255	1.7	2.162	75.4341	85.3304	ESTRUCTURA
	12008	12006	0	1.409	256	1.7	3.497	68.1037	97.2923	ESTRUCTURA
	12008	12006	0	1.409	257	1.7	3.621	64.3715	97.1903	ESTRUCTURA
	12008	12006	0	1.409	258	1.7	3.954	76.2028	99.431	ESTRUCTURA
	12008	12006	0	1.409	259	1.7	3.155	83.4831	98.4243	ESTRUCTURA
	12008	12006	0	1.409	260	1.7	3.222	79.465	97.2528	ESTRUCTURA
	12008	12006	0	1.409	261	1.7	1.931	71.2348	102.192	ESTRUCTURA
	12008	12006	0	1.409	262	1.7	2.247	55.1518	100.4703	ESTRUCTURA
	12008	12006	0	1.409	263	1.7	46.687	111.1404	90.5259	LAGUNA
	12008	12006	0	1.409	12007	1.7	85.602	100.0633	89.4243	DELTA
	12007	12008	0	1.429	12008	1.7	85.602	0	89.5511	
SD	89.89.5511									
	12007	12008	0	1.429	264	1.7	30.607	343.2459	90.0818	ARBOL
	12007	12008	0	1.429	265	1.7	23.467	342.2303	90.2901	ARBOL
	12007	12008	0	1.429	266	1.7	19.157	340.2136	90.5151	ARBOL
	12007	12008	0	1.429	267	1.7	12.861	334.4446	89.1328	ARBOL
	12007	12008	0	1.429	268	1.7	2.78	336.1716	97.474	ARBOL



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12007	12008	0	1.429	269	1.7	2.039	18.4543	89.46	ARBOL
12007	12008	0	1.429	270	1.7	13.547	84.1325	89.2035	ARBOL
12007	12008	0	1.429	271	1.7	6.109	105.0113	89.2918	ARBOL
12007	12008	0	1.429	272	1.7	7.349	114.3639	94.0641	ARBOL
12007	12008	0	1.429	273	1.7	20.844	75.2737	89.2321	ARBOL
12007	12008	0	1.429	274	1.7	25.913	72.1644	91.2517	ARBOL
12007	12008	0	1.429	275	1.7	16.166	147.0144	92.5215	ARBOL
12007	12008	0	1.429	276	1.7	16.796	149.3813	91.3601	ARBOL
12007	12008	0	1.429	277	1.7	20.365	151.1515	92.0759	ARBOL
12007	12008	0	1.429	278	1.7	24.249	155.3149	91.3033	ARBOL
12007	12008	0	1.429	279	1.7	26.533	156.4014	91.0034	ARBOL
12007	12008	0	1.429	280	1.7	32.401	151.4417	91.1634	ARBOL
12007	12008	0	1.429	281	1.7	33.116	150.353	90.5609	ARBOL
12007	12008	0	1.429	282	1.7	33.652	146.1848	91.082	ARBOL
12007	12008	0	1.429	283	1.7	32.804	145.0635	91.4502	ARBOL
12007	12008	0	1.429	284	1.7	34.924	141.0446	91.0251	ARBOL
12007	12008	0	1.429	285	1.7	28.311	173.551	88.591	PARAMENTO
12007	12008	0	1.429	286	1.7	28.897	182.2339	88.5839	PARAMENTO
12007	12008	0	1.429	287	1.7	28.162	184.5344	88.5923	PASARELA
12007	12008	0	1.429	288	1.7	27.253	171.5536	89.023	PASARELA
12007	12008	0	1.429	289	1.7	33.224	171.3125	89.0902	PASARELA
12007	12008	0	1.429	290	1.7	33.691	171.3651	89.1144	PASARELA
12007	12008	0	1.429	291	1.7	31.134	161.3351	89.3547	CANAL
12007	12008	0	1.429	292	1.7	31.532	161.1726	89.3424	CANAL
12007	12008	0	1.429	293	1.7	17.613	163.3256	89.1239	PASARELA
12007	12008	0	1.429	294	1.7	16.708	159.2949	88.5355	PASARELA
12007	12008	0	1.429	295	1.7	3.108	86.3338	85.1215	PASARELA
12007	12008	0	1.429	296	1.7	2.115	60.0452	82.4338	PASARELA
12007	12008	0	1.429	297	1.7	2.849	67.2323	84.0929	CAM_INSPEC
12007	12008	0	1.429	298	1.7	2.209	85.0551	82.2126	CAM_INSPEC
12007	12008	0	1.429	299	1.7	6.985	314.0704	89.3651	TERRENO
12007	12008	0	1.429	300	1.7	4.06	294.2319	89.2123	TERRENO
12007	12008	0	1.429	301	1.7	1.402	308.5927	81.5136	TERRENO
12007	12008	0	1.429	302	1.7	3.127	356.4156	102.1329	LAGUNA
12007	12008	0	1.429	303	1.7	3.794	318.3122	99.3414	LAGUNA
12007	12008	0	1.429	304	1.7	7.497	327.4536	95.2727	LAGUNA
12007	12008	0	1.429	305	1.7	36.441	64.1024	89.5055	TERRENO
12007	12008	0	1.429	306	1.7	35.887	69.403	89.452	TERRENO
12007	12008	0	1.429	307	1.7	35.43	76.3237	89.4021	TERRENO
12007	12008	0	1.429	308	1.7	34.911	76.3156	89.4021	TERRENO
12007	12008	0	1.429	309	1.7	32.972	76.3751	89.4701	TERRENO
12007	12008	0	1.429	310	1.7	29.534	76.2433	89.5223	TERRENO
12007	12008	0	1.429	311	1.7	26.891	76.173	89.5304	TERRENO
12007	12008	0	1.429	312	1.7	35.402	62.0107	91.0051	LAGUNA
12007	12008	0	1.429	313	1.7	34.739	65.3915	91.1701	LAGUNA
12007	12008	0	1.429	314	1.7	34.412	69.5641	91.0038	LAGUNA
12007	12008	0	1.429	315	1.7	33.609	73.4105	90.3721	LAGUNA
12007	12008	0	1.429	316	1.7	33.001	74.3703	90.3852	LAGUNA
12007	12008	0	1.429	317	1.7	30.745	74.0211	91.0856	LAGUNA
12007	12008	0	1.429	318	1.7	27.981	73.2308	91.1419	LAGUNA
12007	12008	0	1.429	319	1.7	14.855	76.342	88.514	ESTRUCTURA
12007	12008	0	1.429	320	1.7	15.948	76.5023	88.5708	ESTRUCTURA
12007	12008	0	1.429	321	1.7	14.931	73.4736	88.5344	ESTRUCTURA
12007	12008	0	1.429	322	1.7	15.998	74.1635	88.5812	ESTRUCTURA
12007	12008	0	1.429	323	1.7	14.96	73.4147	89.2902	ESTRUCTURA
12007	12008	0	1.429	324	1.7	15.142	73.4639	89.3027	ESTRUCTURA
12007	12008	0	1.429	325	1.7	16.058	74.0844	89.2449	ESTRUCTURA
12007	12008	0	1.429	326	1.7	15.883	74.0702	89.262	ESTRUCTURA
12007	12008	0	1.429	327	1.7	14.973	73.0928	89.4027	ESTRUCTURA



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			12007	12008	0	1.429	328	1.7	15.163	73.2005	89.3246	ESTRUCTURA
			12007	12008	0	1.429	329	1.7	16.092	73.1921	89.3249	ESTRUCTURA
			12007	12008	0	1.429	330	1.7	15.927	73.1843	89.2936	ESTRUCTURA
			12007	12008	0	1.429	331	1.7	15.399	68.3941	92.1425	ESTRUCTURA
			12007	12008	0	1.429	332	1.7	15.182	68.3145	92.1202	ESTRUCTURA
			12007	12008	0	1.429	333	1.7	16.097	69.0147	92.0412	ESTRUCTURA
			12007	12008	0	1.429	334	1.7	16.344	69.0303	92.1125	ESTRUCTURA
			12007	12008	0	1.429	335	1.7	15.905	66.5941	92.485	ESTRUCTURA
			12007	12008	0	1.429	336	1.7	15.209	73.4847	92.1151	ESTRUCTURA
			12007	12008	0	1.429	337	1.7	15.854	74.033	92.0646	ESTRUCTURA
			12007	12008	0	1.429	12005	1.7	65.697	80.1118	89.4329	DELTA
			12007	12008	0	1.429	12009	1.7	34.993	160.4457	89.4245	DELTA
			12007	12008	0	1.429	338	1.7	9.549	86.121	89.4748	TERRENO
			12007	12008	0	1.429	339	1.7	6.01	93.0949	88.2752	TERRENO
			12007	12008	0	1.429	340	1.7	5.333	107.0625	88.0257	TERRENO
			12007	12008	0	1.429	341	1.7	6.159	128.1308	88.4503	TERRENO
			12007	12008	0	1.429	342	1.7	11.854	151.2044	89.0738	TERRENO
			12007	12008	0	1.429	343	1.7	13.019	135.3406	95.1538	LAGUNA
			12007	12008	0	1.429	344	1.7	9.985	122.2043	97.1452	LAGUNA
			12007	12008	0	1.429	345	1.7	9.454	116.0614	97.2431	LAGUNA
			12007	12008	0	1.429	346	1.7	9.472	110.3805	97.3055	LAGUNA
			12007	12008	0	1.429	347	1.7	9.291	106.4818	97.3656	LAGUNA
			12007	12008	0	1.429	348	1.7	10.086	101.05	96.4617	LAGUNA
			12007	12008	0	1.429	349	1.7	16.27	93.0933	94.1639	LAGUNA
			12007	12008	0	1.429	350	1.7	16.877	156.2954	88.5425	ESTRUCTURA
			12007	12008	0	1.429	351	1.7	17.95	157.2226	88.5903	ESTRUCTURA
			12007	12008	0	1.429	352	1.7	16.911	156.2322	89.3436	ESTRUCTURA
			12007	12008	0	1.429	353	1.7	17.074	156.3309	89.2827	ESTRUCTURA
			12007	12008	0	1.429	354	1.7	17.893	157.1241	89.3254	ESTRUCTURA
			12007	12008	0	1.429	355	1.7	17.768	157.0757	89.3059	ESTRUCTURA
			12007	12008	0	1.429	356	1.7	17.986	156.2802	89.351	ESTRUCTURA
			12007	12008	0	1.429	357	1.7	17.835	156.2033	89.3511	ESTRUCTURA
			12007	12008	0	1.429	358	1.7	16.889	155.3117	89.5729	ESTRUCTURA
			12007	12008	0	1.429	359	1.7	17.105	155.5502	89.2904	ESTRUCTURA
			12007	12008	0	1.429	360	1.7	18.172	152.133	91.2415	ESTRUCTURA
			12007	12008	0	1.429	361	1.7	18.382	152.2201	91.2317	ESTRUCTURA
			12007	12008	0	1.429	362	1.7	17.219	151.3113	91.2622	ESTRUCTURA
			12007	12008	0	1.429	363	1.7	17.463	151.4035	91.2622	ESTRUCTURA
			12007	12008	0	1.429	364	1.7	18.231	149.1427	92.353	ESTRUCTURA
			12007	12008	0	1.429	365	1.7	17.755	156.5754	91.3324	ESTRUCTURA
			12007	12008	0	1.429	366	1.7	17.112	156.2912	91.3732	ESTRUCTURA
			12007	12008	0	1.429	367	1.7	26.129	178.2122	89.3551	ARBOL
			12007	12008	0	1.429	368	1.7	32.61	173.2554	89.0453	PARAMENTO
			12007	12008	0	1.429	369	1.7	24.745	161.1523	89.273	TERRENO
			12007	12008	0	1.429	370	1.7	28.803	162.023	89.3836	TERRENO
			12007	12008	0	1.429	371	1.7	31.608	161.1824	89.4851	TERRENO
			12007	12008	0	1.429	372	1.7	33.411	157.0718	89.5405	TERRENO
			12007	12008	0	1.429	373	1.7	34.222	152.3333	89.5647	TERRENO
			12007	12008	0	1.429	374	1.7	31.917	148.4307	92.1134	LAGUNA
			12007	12008	0	1.429	375	1.7	31.038	152.1258	92.2008	LAGUNA
			12007	12008	0	1.429	376	1.7	29.492	154.1654	92.3226	LAGUNA
			12007	12008	0	1.429	377	1.7	27.46	153.4438	92.3751	LAGUNA
			12007	12008	0	1.429	378	1.7	25.875	152.3042	93.0124	LAGUNA
			12007	12008	0	1.429	379	1.7	31.384	87.554	92.3847	LAGUNA
			12005	12003	0	1.441	12003	1.7	47.12	0	91.0649	
SD	91.91.0649											
			12005	12003	0	1.441	380	1.7	7.624	119.2609	89.1844	TERRENO
			12005	12003	0	1.441	381	1.7	5.134	120.5928	88.1209	TERRENO
			12005	12003	0	1.441	382	1.7	3.1	147.2323	88.5327	TERRENO



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12005	12003	0	1.441	383	1.7	5.015	191.0632	95.3224	TERRENO
12005	12003	0	1.441	384	1.7	8.215	199.0651	94.1502	TERRENO
12005	12003	0	1.441	385	1.7	8.861	186.311	99.2217	LAGUNA
12005	12003	0	1.441	386	1.7	7.2	176.16	100.3236	LAGUNA
12005	12003	0	1.441	387	1.7	5.712	155.0529	103.0033	LAGUNA
12005	12003	0	1.441	388	1.7	7.606	144.1224	100.0501	LAGUNA
12005	12003	0	1.441	389	1.7	9.222	140.1606	98.182	LAGUNA
12005	12003	0	1.441	390	1.7	16.025	116.3646	89.0723	ESTRUCTURA
12005	12003	0	1.441	391	1.7	16.174	112.5036	89.0539	ESTRUCTURA
12005	12003	0	1.441	392	1.7	16.166	116.4057	89.5005	ESTRUCTURA
12005	12003	0	1.441	393	1.7	15.945	116.4921	89.5123	ESTRUCTURA
12005	12003	0	1.441	394	1.7	16.129	122.3522	89.4119	ESTRUCTURA
12005	12003	0	1.441	395	1.7	15.922	122.3403	89.4001	ESTRUCTURA
12005	12003	0	1.441	396	1.7	16.217	126.2811	91.3405	ESTRUCTURA
12005	12003	0	1.441	397	1.7	16.068	126.295	91.3158	ESTRUCTURA
12005	12003	0	1.441	398	1.7	16.943	126.4405	91.4832	ESTRUCTURA
12005	12003	0	1.441	399	1.7	17.116	126.4935	91.5532	ESTRUCTURA
12005	12003	0	1.441	400	1.7	17.081	122.0804	89.4219	ESTRUCTURA
12005	12003	0	1.441	401	1.7	16.906	121.5817	89.4045	ESTRUCTURA
12005	12003	0	1.441	402	1.7	17.255	114.4106	89.4713	ESTRUCTURA
12005	12003	0	1.441	403	1.7	17.058	114.364	89.43	ESTRUCTURA
12005	12003	0	1.441	404	1.7	17.001	114.3102	91.1415	ESTRUCTURA
12005	12003	0	1.441	405	1.7	16.198	113.3649	91.3924	ESTRUCTURA
12005	12003	0	1.441	406	1.7	23.959	123.0453	90.1213	TERRENO
12005	12003	0	1.441	407	1.7	27.769	123.0851	90.1941	TERRENO
12005	12003	0	1.441	408	1.7	31.546	125.2759	90.0458	TERRENO
12005	12003	0	1.441	409	1.7	32.239	131.2934	90.1747	TERRENO
12005	12003	0	1.441	410	1.7	33.185	137.1001	90.2331	TERRENO
12005	12003	0	1.441	411	1.7	30.931	139.0004	92.3037	LAGUNA
12005	12003	0	1.441	412	1.7	30.023	132.3252	92.3248	LAGUNA
12005	12003	0	1.441	413	1.7	29.102	128.2345	92.3928	LAGUNA
12005	12003	0	1.441	414	1.7	26.909	128.064	92.5035	LAGUNA
12005	12003	0	1.441	415	1.7	24.438	129.1653	93.2038	LAGUNA
12005	12003	0	1.441	416	1.7	35.139	148.5018	90.3521	ARBOL
12005	12003	0	1.441	417	1.7	34.567	149.5943	91.1321	ARBOL
12005	12003	0	1.441	418	1.7	46.848	173.4016	91.3717	LAGUNA



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PLANTILLAS DE CÁLCULOS



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COMISION A
INGENIERO LUIS JORGE MONCADA



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
E12005		0.0000				ESTACION		0.00		1389369.082	1037883.254	6.025
E12003	E12005	0.0000	47.123	88.1818	1.70	ESTACION	1.47	220.51		1389333.271	1037852.654	4.862
	137	124.0109	37.284	90.0915	1.70	TERRENO	1.47	164.53	37.284	1389297.337	1037862.598	4.536
	138	116.5536	37.198	90.0845	1.70	TERRENO	1.47	157.44	37.198	1389298.920	1037866.926	4.541
	139	110.3242	37.841	90.1245	1.70	TERRENO	1.47	151.06	37.841	1389300.156	1037870.966	4.496
	140	104.4206	38.789	90.2152	1.70	TERRENO	1.47	145.21	38.788	1389301.414	1037874.783	4.389
	141	99.0701	40.234	90.1933	1.70	TERRENO	1.47	139.63	40.233	1389302.618	1037878.714	4.407
	142	93.2720	42.161	90.2011	1.70	TERRENO	1.47	133.97	42.160	1389304.000	1037882.998	4.389
	143	89.1347	43.435	90.1235	1.70	TERRENO	1.47	129.74	43.435	1389305.501	1037886.052	4.477
	144	88.3032	43.847	89.4518	1.70	TERRENO	1.47	129.02	43.847	1389305.664	1037886.719	4.824
	145	87.4902	44.192	89.1521	1.70	TERRENO	1.47	128.33	44.188	1389305.866	1037887.318	5.210
	146	86.5808	44.694	88.4306	1.70	TERRENO	1.47	127.48	44.683	1389306.081	1037888.112	5.636
	147	86.2404	45.082	86.5449	2.90	TERRENO	1.47	126.91	45.017	1389306.233	1037888.647	5.863
	148	85.4834	45.404	86.4954	2.90	TERRENO	1.47	126.32	45.335	1389306.418	1037889.180	5.946
	149	348.2405	18.278	88.5857	1.70	TERRENO	1.47	28.91	18.275	1389349.268	1037861.491	4.961
	150	334.3947	13.767	88.3607	1.70	TERRENO	1.47	15.18	13.763	1389346.554	1037856.257	4.972
	151	297.0827	10.164	88.2305	1.70	TERRENO	1.47	337.65	10.160	1389342.668	1037848.792	4.923
	152	348.5616	23.603	90.0826	1.70	LINDERO	1.47	29.45	23.603	1389353.824	1037864.259	4.578
	153	328.0613	47.257	90.172	1.70	LINDERO	1.47	8.62	47.256	1389379.994	1037859.735	4.398
	154	320.3312	74.114	90.2413	1.70	LINDERO	1.47	1.07	74.112	1389407.370	1037854.034	4.114
	155	317.2500	61.081	90.1959	1.70	PARAMENTO	1.47	357.93	61.080	1389394.311	1037850.448	4.281
	156	311.3325	51.664	90.0635	1.70	PARAMENTO	1.47	352.07	51.664	1389384.441	1037845.527	4.537
	157	335.1542	50.123	87.353	4.00	TERRENO	1.47	15.77	50.079	1389381.464	1037866.269	4.442
	158	337.5327	51.426	87.3328	4.00	TERRENO	1.47	18.40	51.379	1389382.022	1037868.876	4.527
	159	339.3438	52.135	87.1856	4.00	TERRENO	1.47	20.09	52.078	1389382.180	1037870.543	4.778
	160	342.2802	53.088	87.574	2.20	TERRENO	1.47	22.98	53.054	1389382.115	1037873.368	6.025
E12007		0.0000				ESTACION		0.00		1389388.182	1037946.114	5.958
E12005	E12007	359.5959	65.687	89.5416	1.70	ESTACION	1.54	253.10		1389369.082	1037883.254	6.025
	192	283.3221	45.440	89.0909	4.00	LINDERO	1.54	356.64	45.435	1389414.439	1037880.590	4.233
	193	283.4547	42.758	89.0422	4.00	TERRENO	1.54	356.86	42.752	1389411.770	1037880.914	4.253
	194	284.0307	39.193	88.4535	4.00	TERRENO	1.54	357.15	39.184	1389408.218	1037881.306	4.409
	195	284.2154	37.900	88.2514	4.00	TERRENO	1.54	357.46	37.886	1389406.931	1037881.578	4.606
	196	284.3835	36.953	88.5008	2.90	TERRENO	1.54	357.74	36.945	1389405.999	1037881.798	5.412
	197	284.4610	36.246	88.1232	2.90	TERRENO	1.54	357.87	36.228	1389405.285	1037881.907	5.794
	198	289.3956	35.493	87.5627	2.90	TERRENO	1.54	2.76	35.470	1389404.511	1037884.965	5.936
	199	276.0010	32.894	87.4948	2.90	TERRENO	1.54	349.10	32.870	1389401.360	1037877.039	5.907



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	200	267.2046	27.382	89.5513	1.70	TERRENO	1.54	340.44	27.382	1389394.885	1037874.089	5.899
	201	261.5909	21.320	89.1527	1.70	TERRENO	1.54	335.08	21.318	1389388.416	1037874.273	6.137
	202	247.0352	11.571	88.3659	1.70	TERRENO	1.54	320.16	11.568	1389377.965	1037875.844	6.140
	203	213.1952	8.091	88.484	1.70	TERRENO	1.54	286.43	8.089	1389371.370	1037875.495	6.029
	204	184.2509	7.796	88.3945	1.70	TERRENO	1.54	257.52	7.794	1389367.398	1037875.645	6.043
	205	175.0950	12.571	90.2334	1.70	TERRENO	1.54	248.26	12.571	1389364.427	1037871.578	5.775
	206	162.5158	12.047	89.3104	1.70	TERRENO	1.54	235.96	12.047	1389362.340	1037873.271	5.962
	207	5.5325	28.772	89.5528	1.70	TERRENO	1.54	78.99	28.772	1389374.578	1037911.497	5.899
	208	18.0235	30.927	89.5846	1.70	TERRENO	1.54	91.14	30.927	1389368.466	1037914.175	5.872
	209	37.1613	37.247	90.0911	1.70	TERRENO	1.54	110.37	37.247	1389356.118	1037918.172	5.762
	210	50.0031	45.881	89.5319	1.70	TERRENO	1.54	123.11	45.881	1389344.022	1037921.687	5.950
E12004		0.0000				ESTACION		0.00		1389285.710	1037889.056	4.469
E12006	E12004	0.0000	12.305	95.5237	1.70	ESTACION	1.53	88.18		1389286.099	1037901.288	5.884
	161	136.3856	42.322	88.3647	2.60	TERRENO	1.53	44.83	42.310	1389316.107	1037931.114	5.834
	162	135.2954	40.481	88.3613	2.60	TERRENO	1.53	43.68	40.469	1389315.369	1037929.234	5.796
	163	171.4315	17.309	81.4621	4.00	TERRENO	1.53	79.90	17.131	1389289.104	1037918.153	5.887
	164	134.4618	39.394	89.0429	2.60	TERRENO	1.53	42.95	39.389	1389314.930	1037928.125	5.446
	165	177.2756	17.761	83.0626	4.00	TERRENO	1.53	85.64	17.633	1389287.439	1037918.869	5.541
	166	180.5640	18.373	81.2845	5.00	TERRENO	1.53	89.12	18.170	1389286.378	1037919.456	5.132
	167	186.1325	18.519	83.0539	5.00	TERRENO	1.53	94.40	18.385	1389284.689	1037919.618	4.637
	168	190.4804	18.836	83.2456	5.00	LINDERO	1.53	98.98	18.712	1389283.179	1037919.770	4.570
	169	195.1350	19.888	83.3717	5.00	TERRENO	1.53	103.41	19.765	1389281.516	1037920.514	4.619
	170	202.4019	21.335	84.0946	5.00	TERRENO	1.53	110.85	21.224	1389278.545	1037921.122	4.580
	171	134.1222	38.331	87.5946	4.00	TERRENO	1.53	42.38	38.308	1389314.395	1037927.110	4.750
	172	133.3550	37.940	88.1447	4.00	TERRENO	1.53	41.77	37.922	1389314.381	1037926.551	4.571
E12008		0.0000				ESTACION		0.00		1389303.235	1037956.670	5.819
E12007	E12008	0.0001	85.599	89.5846	1.70	ESTACION	1.52	352.92		1389388.189	1037946.119	5.958
	90	42.0054	99.920	89.5618	1.70	TERRENO	1.52	214.94	99.920	1389306.274	1037888.900	5.885
	91	41.2023	98.996	89.554	1.70	TERRENO	1.52	214.26	98.996	1389306.369	1037890.389	5.902
	92	40.5031	97.968	89.5934	1.70	TERRENO	1.52	213.76	97.968	1389306.743	1037891.673	5.789
	93	40.3132	97.445	89.4702	2.50	TERRENO	1.52	213.45	97.444	1389306.881	1037892.413	5.345
	94	40.1856	97.073	90.0051	2.50	TERRENO	1.52	213.24	97.073	1389306.995	1037892.915	4.953
	95	40.0713	96.682	90.0908	2.50	TERRENO	1.52	213.04	96.682	1389307.142	1037893.405	4.720
	96	18.5814	73.603	89.5909	1.70	TERRENO	1.52	191.89	73.603	1389316.165	1037930.953	5.795
	97	18.1614	72.952	89.5536	1.70	TERRENO	1.52	191.19	72.952	1389316.624	1037931.961	5.870
	98	17.4049	72.701	90.2333	1.70	TERRENO	1.52	190.60	72.699	1389316.730	1037932.745	5.279



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	99	17.1629	72.444	90.4242	1.70	TERRENO	1.52	190.19	72.438	1389316.894	1037933.297	4.877
	100	16.5148	72.285	90.5531	1.70	TERRENO	1.52	189.78	72.276	1389316.965	1037933.837	4.610
	101	16.2509	72.109	91.1025	1.70	TERRENO	1.52	189.34	72.094	1389317.051	1037934.419	4.300
	102	349.1501	64.913	91.072	1.70	TERRENO	1.52	162.17	64.901	1389326.406	1037965.990	4.506
	103	348.3250	64.850	90.4716	1.70	TERRENO	1.52	161.47	64.844	1389326.708	1037966.729	4.885
	104	347.5012	64.659	90.2252	1.70	TERRENO	1.52	160.76	64.658	1389327.144	1037967.428	5.347
	105	346.5459	64.657	89.5958	1.70	TERRENO	1.52	159.84	64.657	1389327.495	1037968.406	5.778
	106	345.5809	64.538	90.01	1.70	TERRENO	1.52	158.89	64.538	1389327.982	1037969.363	5.758
	107	345.1923	64.544	90.0448	1.70	TERRENO	1.52	158.24	64.544	1389328.243	1037970.043	5.687
	108	184.4145	17.848	93.0401	1.70	TERRENO	1.52	357.62	17.822	1389405.996	1037945.377	4.822
	109	193.5446	18.215	93.1531	1.70	TERRENO	1.52	6.83	18.186	1389406.245	1037948.282	4.742
	110	203.3206	19.681	92.5427	1.70	TERRENO	1.52	16.46	19.656	1389407.040	1037951.686	4.779
	111	212.0951	21.928	92.5259	1.70	TERRENO	1.52	25.08	21.900	1389408.024	1037955.403	4.674
	112	216.2146	23.839	92.4628	1.70	TERRENO	1.52	29.28	23.811	1389408.957	1037957.765	4.623
	113	220.2612	26.538	93.2324	1.70	TERRENO	1.52	33.36	26.492	1389410.316	1037960.685	4.208
	114	317.0940	13.467	84.4322	2.90	TERRENO	1.52	130.08	13.410	1389379.555	1037956.379	5.816
	115	315.3330	13.703	85.2132	2.90	TERRENO	1.52	128.48	13.658	1389379.691	1037956.811	5.686
	116	314.1912	14.053	82.1435	4.00	TERRENO	1.52	127.24	13.924	1389379.763	1037957.204	5.374
	117	312.0724	14.420	83.4409	4.00	TERRENO	1.52	125.04	14.334	1389379.959	1037957.854	5.050
	118	310.4411	14.588	85.3358	4.00	TERRENO	1.52	123.66	14.544	1389380.128	1037958.225	4.605
	119	308.2920	15.013	86.1949	4.00	TERRENO	1.52	121.41	14.982	1389380.381	1037958.905	4.438
	120	303.2824	16.695	86.3739	4.00	TERRENO	1.52	116.39	16.666	1389380.780	1037961.047	4.459
	121	301.2831	17.480	86.4657	4.00	TERRENO	1.52	114.40	17.452	1389380.981	1037962.013	4.458
	122	300.1922	18.029	86.565	4.00	TERRENO	1.52	113.24	18.003	1389381.084	1037962.661	4.437
	123	345.0039	64.625	89.1137	2.90	TERRENO	1.52	157.93	64.619	1389328.305	1037970.397	5.487
	124	344.2827	64.529	89.2355	2.90	TERRENO	1.52	157.39	64.525	1389328.621	1037970.921	5.254
	125	343.5437	64.488	89.4245	2.90	TERRENO	1.52	156.83	64.487	1389328.903	1037971.491	4.901
	126	343.0150	64.499	89.0133	4.00	TERRENO	1.52	155.95	64.490	1389329.297	1037972.400	4.574
	127	341.1959	64.697	89.0305	4.00	TERRENO	1.52	154.25	64.688	1389329.923	1037974.219	4.548
	128	0.4300	88.158	88.4139	4.00	TERRENO	1.52	173.64	88.135	1389300.597	1037955.887	5.486
	129	0.3810	88.679	88.5055	4.00	TERRENO	1.52	173.56	88.661	1389300.088	1037956.069	5.259
	130	0.3829	89.345	89.0351	4.00	TERRENO	1.52	173.56	89.333	1389299.419	1037956.136	4.936
	131	0.3416	90.278	89.1444	4.00	TERRENO	1.52	173.49	90.270	1389298.501	1037956.351	4.666
	132	0.2439	91.202	89.1235	4.00	LINDERO	1.52	173.33	91.193	1389297.613	1037956.709	4.735
	133	0.3230	92.483	89.0855	4.00	TERRENO	1.52	173.46	92.473	1389296.318	1037956.648	4.851
	134	0.3134	93.535	89.0944	4.00	TERRENO	1.52	173.45	93.525	1389295.275	1037956.793	4.845



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	135	0.2414	94.763	89.1228	4.00	TERRENO	1.52	173.32	94.754	1389294.078	1037957.134	4.787
	136	0.2808	96.304	89.154	4.00	TERRENO	1.52	173.39	96.296	1389292.533	1037957.205	4.719
E12007		0.0000				ESTACION		0.00		1389388.189	1037946.119	5.958
E12009	E12007	0.0000	35.001	89.3844	1.70	ESTACION	1.58	333.66		1389419.544	1037930.592	5.863
	173	110.5245	8.636	89.0337	1.70	TERRENO	1.58	264.53	8.635	1389418.721	1037921.996	5.880
	174	116.5933	8.653	92.2256	1.70	TERRENO	1.58	270.65	8.646	1389419.641	1037921.947	5.378
	175	121.5649	8.834	94.415	1.70	TERRENO	1.58	275.60	8.804	1389420.403	1037921.829	5.014
	176	126.3539	9.130	95.3626	1.70	TERRENO	1.58	280.25	9.086	1389421.160	1037921.650	4.846
	177	131.1617	9.464	95.4712	1.70	TERRENO	1.58	284.93	9.416	1389421.969	1037921.494	4.784
	178	144.1534	10.868	95.4332	1.70	LINDERO	1.58	297.91	10.814	1389424.606	1037921.036	4.654
	179	96.5109	2.231	88.083	1.70	TERRENO	1.58	250.51	2.230	1389418.799	1037928.490	5.810
	180	128.0745	2.778	89.5147	1.70	TERRENO	1.58	281.78	2.778	1389420.111	1037927.872	5.745
	181	141.0805	3.440	98.4126	1.70	TERRENO	1.58	294.79	3.401	1389420.969	1037927.504	5.218
	182	157.0717	5.615	99.5211	1.70	TERRENO	1.58	310.78	5.532	1389423.156	1037926.402	4.775
	183	151.4334	4.671	101.1201	1.70	TERRENO	1.58	305.38	4.582	1389422.197	1037926.856	4.831
	184	131.1708	15.794	93.5812	1.70	LINDERO	1.58	284.94	15.756	1389423.606	1037915.368	4.644
	185	166.0755	8.248	97.39	1.70	LINDERO	1.58	319.79	8.175	1389425.786	1037925.314	4.640
	186	127.4157	15.332	94.0111	1.70	TERRENO	1.58	281.35	15.294	1389422.555	1037915.597	4.663
	187	122.1112	14.902	94.0023	1.70	TERRENO	1.58	275.84	14.866	1389421.057	1037915.803	4.697
	188	116.4841	14.567	93.4049	1.70	TERRENO	1.58	270.47	14.537	1389419.662	1037916.055	4.803
	189	111.2827	14.384	91.1922	1.70	TERRENO	1.58	265.13	14.380	1389418.323	1037916.263	5.406
	190	106.4153	14.196	89.1612	1.70	TERRENO	1.58	260.35	14.195	1389417.165	1037916.597	5.919
	191	97.2935	14.408	89.2156	1.70	TERRENO	1.58	251.15	14.407	1389414.888	1037916.957	5.897



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
EAUX1		0.0000				ESTACION		0.0000		1385641.710	1039575.284	0.511
E12000	EAUX1	0.0000	16.987	89.2601	1.70	ESTACION	1.57	71.5035		1385647.117	1039591.448	0.513
	ELAG1	199.4414	53.875	88.4317	1.70	DELTA	1.57	91.2407	53.862	1385645.950	1039645.297	1.584
ELAG1-E12000	E12000	0.0000	53.872	90.5950	1.70	ESTACION	1.55	91.2407	53.862	1385645.950	1039645.297	1.584
	ELAGY06	208.3129	61.999	89.4136	1.70	DELTA	1.55	119.7654	61.998	1385615.171	1039699.115	1.770
	ELAGY05	261.1030	33.305	89.2100	1.70	DELTA	1.55	172.4157	33.303	1385612.939	1039649.692	1.816
ELAGY06-ELAG1	ELAG1	0.0000	61.999	90.0438	1.70	ESTACION	1.59	119.7654	61.998	1385615.171	1039699.115	1.770
	ELAGY05	327.3852	49.472	89.4902	1.70	DELTA	1.59	267.4132	49.472	1385612.939	1039649.694	1.819
ELAGY05-ELAGY06	ELAGY06	0.0000	49.466	89.5634	1.70	ESTACION	1.60	267.4132	49.472	1385612.939	1039649.694	1.819
	ELAG1	264.5941	33.301	90.1533	1.70	DELTA	1.60	352.4079	33.301	1385645.947	1039645.294	1.569
ELAG1-E12000	E12000	0.0000	53.870	91.0014	1.70	ESTACION	1.56	91.2407	53.862	1385645.950	1039645.297	1.584
	1E	204.3215	8.092	102.0304	0.00	LAGUNA	1.56	115.7782	7.914	1385642.509	1039652.423	1.454
	1F	204.3215	8.092	102.0304	1.60	LAGUNA	1.56	115.7782	7.914	1385642.509	1039652.423	-0.146
	2E	216.0549	9.883	100.4008	0.00	LAGUNA	1.56	127.3377	9.712	1385640.060	1039653.019	1.314
	2F	216.0549	9.883	100.4008	1.72	LAGUNA	1.56	127.3377	9.712	1385640.060	1039653.019	-0.406
	3E	227.3510	12.436	97.5901	0.00	LAGUNA	1.56	138.8268	12.315	1385636.680	1039653.404	1.416
	3F	227.3510	12.436	97.5901	1.80	LAGUNA	1.56	138.8268	12.315	1385636.680	1039653.404	-0.384
	4E	232.5824	15.399	96.4136	0.00	LAGUNA	1.56	144.2141	15.294	1385633.544	1039654.240	1.348
	4F	232.5824	15.399	96.4136	1.80	LAGUNA	1.56	144.2141	15.294	1385633.544	1039654.240	-0.452
	5E	239.0118	17.824	95.4336	0.00	LAGUNA	1.56	150.2624	17.735	1385630.551	1039654.094	1.365
	5F	239.0118	17.824	95.4336	1.80	LAGUNA	1.56	150.2624	17.735	1385630.551	1039654.094	-0.435
	6E	243.2908	19.825	95.0346	0.00	LAGUNA	1.56	154.7263	19.748	1385628.093	1039653.728	1.394
	6F	243.2908	19.825	95.0346	1.80	LAGUNA	1.56	154.7263	19.748	1385628.093	1039653.728	-0.406
	7E	248.2342	19.905	94.4124	0.00	LAGUNA	1.56	159.6357	19.838	1385627.352	1039652.200	1.516
	7F	248.2342	19.905	94.4124	1.30	LAGUNA	1.56	159.6357	19.838	1385627.352	1039652.200	0.216
	8E	248.2344	22.515	94.4126	0.00	LAGUNA	1.56	159.6363	22.440	1385624.913	1039653.105	1.302
	8F	248.2344	22.515	94.4126	1.95	LAGUNA	1.56	159.6363	22.440	1385624.913	1039653.105	-0.648
	9E	251.0228	25.622	94.0112	0.00	LAGUNA	1.56	162.2818	25.559	1385621.604	1039653.075	1.347
	9F	251.0228	25.622	94.0112	1.50	LAGUNA	1.56	162.2818	25.559	1385621.604	1039653.075	-0.153
	10E	251.5221	27.957	93.4602	0.00	LAGUNA	1.56	163.1132	27.897	1385619.257	1039653.400	1.306
	10F	251.5221	27.957	93.4602	1.90	LAGUNA	1.56	163.1132	27.897	1385619.257	1039653.400	-0.594
	11E	228.4632	30.052	93.2851	0.00	LAGUNA	1.56	140.0163	29.997	1385622.966	1039664.572	1.319
	11F	228.4632	30.052	93.2851	2.00	LAGUNA	1.56	140.0163	29.997	1385622.966	1039664.572	-0.681
	12E	225.1956	28.176	93.4332	0.00	LAGUNA	1.56	136.5729	28.116	1385625.531	1039664.625	1.312
	12F	225.1956	28.176	93.4332	2.10	LAGUNA	1.56	136.5729	28.116	1385625.531	1039664.625	-0.788
	13E	222.4205	26.477	93.5703	0.00	LAGUNA	1.56	133.9421	26.414	1385627.621	1039664.316	1.319



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	13F	222.4205	26.477	93.5703	2.10	LAGUNA	1.56	133.9421	26.414	1385627.621	1039664.316	-0.781
	14E	218.3245	24.647	94.1516	0.00	LAGUNA	1.56	129.7866	24.579	1385630.222	1039664.184	1.315
	14F	218.3245	24.647	94.1516	2.20	LAGUNA	1.56	129.7866	24.579	1385630.222	1039664.184	-0.885
	15E	214.3740	23.036	94.2522	0.00	LAGUNA	1.56	125.8685	22.967	1385632.493	1039663.909	1.367
	15F	214.3740	23.036	94.2522	2.55	LAGUNA	1.56	125.8685	22.967	1385632.493	1039663.909	-1.183
	16E	207.2940	21.422	94.5320	0.00	LAGUNA	1.56	118.7352	21.344	1385635.689	1039664.012	1.318
	16F	207.2940	21.422	94.5320	2.50	LAGUNA	1.56	118.7352	21.344	1385635.689	1039664.012	-1.182
	17E	200.0609	19.941	95.1544	0.00	LAGUNA	1.56	111.3432	19.857	1385638.723	1039663.792	1.314
	17F	200.0609	19.941	95.1544	2.50	LAGUNA	1.56	111.3432	19.857	1385638.723	1039663.792	-1.186
	18E	191.4715	19.003	95.3245	0.00	LAGUNA	1.56	103.0282	18.914	1385641.687	1039663.724	1.307
	18F	191.4715	19.003	95.3245	1.95	LAGUNA	1.56	103.0282	18.914	1385641.687	1039663.724	-0.643
	19E	191.2440	19.061	95.3128	0.00	LAGUNA	1.56	102.6518	18.972	1385641.795	1039663.808	1.308
	19F	191.2440	19.061	95.3128	1.40	LAGUNA	1.56	102.6518	18.972	1385641.795	1039663.808	-0.092
	20E	186.0118	18.590	95.3904	0.00	LAGUNA	1.56	97.2624	18.500	1385643.612	1039663.648	1.313
	20F	186.0118	18.590	95.3904	1.37	LAGUNA	1.56	97.2624	18.500	1385643.612	1039663.648	-0.057
	21E	216.5640	39.571	92.4055	0.00	LAGUNA	1.56	128.1852	39.528	1385621.514	1039676.366	1.292
	21F	216.5640	39.571	92.4055	1.90	LAGUNA	1.56	128.1852	39.528	1385621.514	1039676.366	-0.608
	22E	215.0525	38.448	92.4645	0.00	LAGUNA	1.56	126.3310	38.403	1385623.199	1039676.234	1.279
	22F	215.0525	38.448	92.4645	1.91	LAGUNA	1.56	126.3310	38.403	1385623.199	1039676.234	-0.631
	23E	211.1852	36.735	92.5343	0.00	LAGUNA	1.56	122.5552	36.688	1385626.208	1039676.220	1.288
	23F	211.1852	36.735	92.5343	2.10	LAGUNA	1.56	122.5552	36.688	1385626.208	1039676.220	-0.812
	24E	208.4805	35.498	93.0119	0.00	LAGUNA	1.56	120.0421	35.449	1385628.204	1039675.983	1.272
	24F	208.4805	35.498	93.0119	2.37	LAGUNA	1.56	120.0421	35.449	1385628.204	1039675.983	-1.098
	25E	205.1944	33.812	93.0940	0.00	LAGUNA	1.56	116.5696	33.761	1385630.850	1039675.492	1.279
	25F	205.1944	33.812	93.0940	2.46	LAGUNA	1.56	116.5696	33.761	1385630.850	1039675.492	-1.181
	26E	197.5732	32.207	93.1830	0.00	LAGUNA	1.56	109.1996	32.153	1385635.376	1039675.662	1.285
	26F	197.5732	32.207	93.1830	2.48	LAGUNA	1.56	109.1996	32.153	1385635.376	1039675.662	-1.195
	27E	192.3323	31.147	93.2543	0.00	LAGUNA	1.56	103.7971	31.091	1385638.536	1039675.491	1.280
	27F	192.3323	31.147	93.2543	2.54	LAGUNA	1.56	103.7971	31.091	1385638.536	1039675.491	-1.260
	28E	187.1246	30.431	93.3059	0.00	LAGUNA	1.56	98.4535	30.374	1385641.485	1039675.340	1.277
	28F	187.1246	30.431	93.3059	2.10	LAGUNA	1.56	98.4535	30.374	1385641.485	1039675.340	-0.823
	29E	182.2934	30.684	93.1834	0.00	LAGUNA	1.56	93.7335	30.633	1385643.956	1039675.864	1.372
	29F	182.2934	30.684	93.1834	1.10	LAGUNA	1.56	93.7335	30.633	1385643.956	1039675.864	0.272
	30E	208.3317	48.745	92.1048	0.00	LAGUNA	1.56	119.7954	48.710	1385621.746	1039687.567	1.289
	30F	208.3317	48.745	92.1048	1.95	LAGUNA	1.56	119.7954	48.710	1385621.746	1039687.567	-0.661
	31E	206.5203	47.951	92.2303	0.00	LAGUNA	1.56	118.1082	47.909	1385623.378	1039687.556	1.148



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	31F	206.5203	47.951	92.2303	2.03	LAGUNA	1.56	118.1082	47.909	1385623.378	1039687.556	-0.882
	32E	203.3318	46.596	92.1938	0.00	LAGUNA	1.56	114.7957	46.558	1385626.425	1039687.562	1.251
	32F	203.3318	46.596	92.1938	2.05	LAGUNA	1.56	114.7957	46.558	1385626.425	1039687.562	-0.799
	33E	200.1231	45.539	92.2247	0.00	LAGUNA	1.56	111.4493	45.500	1385629.312	1039687.645	1.252
	33F	200.1231	45.539	92.2247	1.50	LAGUNA	1.56	111.4493	45.500	1385629.312	1039687.645	-0.248
	34E	197.3219	44.691	92.2540	0.00	LAGUNA	1.56	108.7793	44.651	1385631.576	1039687.571	1.250
	34F	197.3219	44.691	92.2540	1.40	LAGUNA	1.56	108.7793	44.651	1385631.576	1039687.571	-0.150
	35E	192.1818	43.858	92.3120	0.00	LAGUNA	1.56	103.5457	43.816	1385635.688	1039687.893	1.213
	35F	192.1818	43.858	92.3120	1.80	LAGUNA	1.56	103.5457	43.816	1385635.688	1039687.893	-0.587
	36E	188.5830	43.574	92.2604	0.00	LAGUNA	1.56	100.2157	43.535	1385638.229	1039688.141	1.292
	36F	188.5830	43.574	92.2604	1.96	LAGUNA	1.56	100.2157	43.535	1385638.229	1039688.141	-0.668
ELAGY05-ELAG1	ELAG1	0.0000	33.307	90.1618	1.70	ESTACION	1.62	172.4157	33.303	1385612.939	1039649.692	1.816
	37E	159.4936	14.295	99.2314	0.00	LAGUNA	1.62	152.2424	14.104	1385600.458	1039656.261	1.102
	37F	159.4936	14.295	99.2314	1.30	LAGUNA	1.62	152.2424	14.104	1385600.458	1039656.261	-0.198
	38E	171.2259	14.004	99.3509	0.00	LAGUNA	1.62	163.7988	13.808	1385599.679	1039653.545	1.102
	38F	171.2259	14.004	99.3509	2.00	LAGUNA	1.62	163.7988	13.808	1385599.679	1039653.545	-0.898
	39E	193.3151	11.166	102.0305	0.00	LAGUNA	1.62	185.9466	10.920	1385602.078	1039648.561	1.103
	39F	193.3151	11.166	102.0305	2.10	LAGUNA	1.62	185.9466	10.920	1385602.078	1039648.561	-0.997
	40E	202.0412	12.266	100.5555	0.00	LAGUNA	1.62	194.4857	12.043	1385601.278	1039646.680	1.108
	40F	202.0412	12.266	100.5555	2.00	LAGUNA	1.62	194.4857	12.043	1385601.278	1039646.680	-0.892
	41E	216.1732	13.725	99.4534	0.00	LAGUNA	1.62	208.7079	13.526	1385601.075	1039643.195	1.107
	41F	216.1732	13.725	99.4534	2.00	LAGUNA	1.62	208.7079	13.526	1385601.075	1039643.195	-0.893
	42E	226.0527	14.738	99.0521	0.00	LAGUNA	1.62	218.5066	14.553	1385601.551	1039640.631	1.106
	42F	226.0527	14.738	99.0521	2.00	LAGUNA	1.62	218.5066	14.553	1385601.551	1039640.631	-0.894
	43E	233.5910	14.616	99.1001	0.00	LAGUNA	1.62	226.4018	14.429	1385602.989	1039639.242	1.105
	43F	233.5910	14.616	99.1001	2.00	LAGUNA	1.62	226.4018	14.429	1385602.989	1039639.242	-0.895
	44E	236.5004	16.918	97.5340	0.00	LAGUNA	1.62	229.2502	16.758	1385602.000	1039636.997	1.110
	44F	236.5004	16.918	97.5340	2.00	LAGUNA	1.62	229.2502	16.758	1385602.000	1039636.997	-0.890
	45E	246.2033	20.508	96.3054	0.00	LAGUNA	1.62	238.7582	20.376	1385602.371	1039632.271	1.107
	45F	246.2033	20.508	96.3054	2.00	LAGUNA	1.62	238.7582	20.376	1385602.371	1039632.271	-0.893
	46E	248.4044	22.486	95.5646	0.00	LAGUNA	1.62	241.0946	22.365	1385602.128	1039630.113	1.105
	46F	248.4044	22.486	95.5646	2.00	LAGUNA	1.62	241.0946	22.365	1385602.128	1039630.113	-0.895
	47E	250.0453	26.607	95.0104	0.00	LAGUNA	1.62	242.4971	26.505	1385600.699	1039626.182	1.107
	47F	250.0453	26.607	95.0104	2.60	LAGUNA	1.62	242.4971	26.505	1385600.699	1039626.182	-1.493
	48E	251.0143	29.172	94.3305	0.00	LAGUNA	1.62	243.4443	29.080	1385599.938	1039623.680	1.119
	48F	251.0143	29.172	94.3305	1.75	LAGUNA	1.62	243.4443	29.080	1385599.938	1039623.680	-0.631



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	49E	225.2148	40.376	93.1814	0.00	LAGUNA	1.62	217.7791	40.309	1385581.080	1039624.998	1.107
	49F	225.2148	40.376	93.1814	1.96	LAGUNA	1.62	217.7791	40.309	1385581.080	1039624.998	-0.853
	50E	222.0419	40.146	93.1928	0.00	LAGUNA	1.62	214.4877	40.078	1385579.904	1039626.999	1.106
	50F	222.0419	40.146	93.1928	2.00	LAGUNA	1.62	214.4877	40.078	1385579.904	1039626.999	-0.894
	51E	210.0421	39.349	93.2325	0.00	LAGUNA	1.62	202.4882	39.280	1385576.646	1039634.668	1.107
	51F	210.0421	39.349	93.2325	2.04	LAGUNA	1.62	202.4882	39.280	1385576.646	1039634.668	-0.933
	52E	207.1727	39.283	93.2326	0.00	LAGUNA	1.62	199.7066	39.214	1385576.021	1039636.469	1.111
	52F	207.1727	39.283	93.2326	1.98	LAGUNA	1.62	199.7066	39.214	1385576.021	1039636.469	-0.869
	53E	198.4617	36.760	93.3712	0.00	LAGUNA	1.62	191.1871	36.687	1385576.949	1039642.574	1.113
	53F	198.4617	36.760	93.3712	2.04	LAGUNA	1.62	191.1871	36.687	1385576.949	1039642.574	-0.927
	54E	195.1105	35.191	93.4737	0.00	LAGUNA	1.62	187.6004	35.114	1385578.134	1039645.048	1.106
	54F	195.1105	35.191	93.4737	2.07	LAGUNA	1.62	187.6004	35.114	1385578.134	1039645.048	-0.964
ELAGY05-ELAG1	ELAG1	0.0000	33.338	90.1310	1.70	ESTACION	1.58	172.4157	33.303	1385612.939	1039649.692	1.816
	55E	174.3016	33.098	93.5738	0.00	LAGUNA	1.58	166.9202	33.019	1385580.777	1039657.165	1.112
	55F	174.3016	33.098	93.5738	1.40	LAGUNA	1.58	166.9202	33.019	1385580.777	1039657.165	-0.288
	56E	180.2838	33.370	93.5604	0.00	LAGUNA	1.58	172.8929	33.291	1385579.903	1039653.811	1.108
	56F	180.2838	33.370	93.5604	2.00	LAGUNA	1.58	172.8929	33.291	1385579.903	1039653.811	-0.892
	57E	189.4158	31.765	94.0700	0.00	LAGUNA	1.58	182.1152	31.683	1385581.277	1039648.523	1.118
	57F	189.4158	31.765	94.0700	2.00	LAGUNA	1.58	182.1152	31.683	1385581.277	1039648.523	-0.882
	58E	196.5256	30.694	94.1555	0.00	LAGUNA	1.58	189.2979	30.609	1385582.732	1039644.747	1.115
	58F	196.5256	30.694	94.1555	2.00	LAGUNA	1.58	189.2979	30.609	1385582.732	1039644.747	-0.885
	59E	209.3629	61.125	92.0900	0.00	LAGUNA	1.58	202.0238	61.082	1385556.314	1039626.787	1.105
	59F	209.3629	61.125	92.0900	1.98	LAGUNA	1.58	202.0238	61.082	1385556.314	1039626.787	-0.875
	60E	206.5916	60.590	92.0931	0.00	LAGUNA	1.58	199.4035	60.547	1385555.831	1039629.577	1.116
	60F	206.5916	60.590	92.0931	2.00	LAGUNA	1.58	199.4035	60.547	1385555.831	1039629.577	-0.884
	61E	202.1035	58.143	92.1539	0.00	LAGUNA	1.58	194.5921	58.098	1385556.715	1039635.055	1.104
	61F	202.1035	58.143	92.1539	2.08	LAGUNA	1.58	194.5921	58.098	1385556.715	1039635.055	-0.976
	62E	200.1516	59.796	92.1225	0.00	LAGUNA	1.58	192.6702	59.752	1385554.642	1039636.586	1.095
	62F	200.1516	59.796	92.1225	2.10	LAGUNA	1.58	192.6702	59.752	1385554.642	1039636.586	-1.005
	63E	191.3224	56.673	92.1912	0.00	LAGUNA	1.58	183.9557	56.627	1385556.447	1039645.786	1.104
	63F	191.3224	56.673	92.1912	2.36	LAGUNA	1.58	183.9557	56.627	1385556.447	1039645.786	-1.256
	64E	189.2346	55.716	92.2138	0.00	LAGUNA	1.58	181.8118	55.669	1385557.298	1039647.932	1.103
	64F	189.2346	55.716	92.2138	2.10	LAGUNA	1.58	181.8118	55.669	1385557.298	1039647.932	-0.997
	65E	181.3426	54.040	92.2555	0.00	LAGUNA	1.58	173.9896	53.991	1385559.244	1039655.345	1.105
	65F	181.3426	54.040	92.2555	2.00	LAGUNA	1.58	173.9896	53.991	1385559.244	1039655.345	-0.895
	66E	179.3204	53.222	92.2751	0.00	LAGUNA	1.58	171.9502	53.173	1385560.290	1039657.138	1.110



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	66F	179.3204	53.222	92.2751	1.78	LAGUNA	1.58	171.9502	53.173	1385560.290	1039657.138	-0.670
	67E	180.0849	70.760	91.5126	0.00	LAGUNA	1.58	172.5627	70.723	1385542.811	1039658.847	1.105
	67F	180.0849	70.760	91.5126	1.60	LAGUNA	1.58	172.5627	70.723	1385542.811	1039658.847	-0.495
	68E	182.1051	71.745	91.5021	0.00	LAGUNA	1.58	174.5966	71.708	1385541.550	1039656.445	1.095
	68F	182.1051	71.745	91.5021	2.00	LAGUNA	1.58	174.5966	71.708	1385541.550	1039656.445	-0.905
	69E	184.3103	73.618	91.4707	0.00	LAGUNA	1.58	176.9332	73.582	1385539.462	1039653.629	1.105
	69F	184.3103	73.618	91.4707	1.70	LAGUNA	1.58	176.9332	73.582	1385539.462	1039653.629	-0.595
	70E	187.1637	72.920	91.4815	0.00	LAGUNA	1.58	179.6927	72.884	1385540.056	1039650.083	1.102
	70F	187.1637	72.920	91.4815	2.00	LAGUNA	1.58	179.6927	72.884	1385540.056	1039650.083	-0.898
	71E	192.2055	73.647	91.4654	0.00	LAGUNA	1.58	184.7643	73.611	1385539.582	1039643.578	1.108
	71F	192.2055	73.647	91.4654	2.00	LAGUNA	1.58	184.7643	73.611	1385539.582	1039643.578	-0.892
	72E	197.2928	76.351	91.4333	0.00	LAGUNA	1.58	189.9068	76.316	1385537.761	1039636.562	1.099
	72F	197.2928	76.351	91.4333	2.00	LAGUNA	1.58	189.9068	76.316	1385537.761	1039636.562	-0.901
	73E	200.1518	77.615	91.4157	0.00	LAGUNA	1.58	192.6707	77.581	1385537.247	1039632.675	1.097
	73F	200.1518	77.615	91.4157	1.95	LAGUNA	1.58	192.6707	77.581	1385537.247	1039632.675	-0.853
	74E	202.5857	77.708	91.4139	0.00	LAGUNA	1.58	195.3982	77.674	1385538.053	1039629.068	1.101
	74F	202.5857	77.708	91.4139	2.00	LAGUNA	1.58	195.3982	77.674	1385538.053	1039629.068	-0.899
	75E	206.2154	73.480	91.4733	0.00	LAGUNA	1.58	198.7807	73.444	1385543.405	1039626.047	1.100
	75F	206.2154	73.480	91.4733	1.74	LAGUNA	1.58	198.7807	73.444	1385543.405	1039626.047	-0.640
ELAGY05-ELAG1	ELAG1	0.0000	33.304	90.1357	1.70	ESTACION	1.58	172.4157	33.303	1385612.939	1039649.692	1.816
	76E	249.0219	11.525	101.3759	0.00	LAGUNA	1.58	241.4543	11.288	1385607.545	1039639.776	1.076
	76F	249.0219	11.525	101.3759	1.77	LAGUNA	1.58	241.4543	11.288	1385607.545	1039639.776	-0.694
	77E	226.4518	17.167	97.4701	0.00	LAGUNA	1.58	219.1707	17.009	1385599.753	1039638.949	1.075
	77F	226.4518	17.167	97.4701	1.80	LAGUNA	1.58	219.1707	17.009	1385599.753	1039638.949	-0.725
	78E	210.1600	25.910	95.0841	0.00	LAGUNA	1.58	202.6824	25.806	1385589.129	1039639.741	1.077
	78F	210.1600	25.910	95.0841	1.83	LAGUNA	1.58	202.6824	25.806	1385589.129	1039639.741	-0.753
	79E	203.2322	37.716	93.3130	0.00	LAGUNA	1.58	195.8052	37.645	1385576.717	1039639.439	1.081
	79F	203.2322	37.716	93.3130	2.00	LAGUNA	1.58	195.8052	37.645	1385576.717	1039639.439	-0.919
	80E	199.1118	51.568	92.3436	0.00	LAGUNA	1.58	191.6041	51.516	1385562.476	1039639.330	1.082
	80F	199.1118	51.568	92.3436	1.96	LAGUNA	1.58	191.6041	51.516	1385562.476	1039639.330	-0.878
	81E	197.5205	58.081	92.1633	0.00	LAGUNA	1.58	190.2838	58.035	1385555.836	1039639.331	1.094
	81F	197.5205	58.081	92.1633	2.10	LAGUNA	1.58	190.2838	58.035	1385555.836	1039639.331	-1.006
	82E	195.2035	65.147	92.0203	0.00	LAGUNA	1.58	187.7588	65.106	1385548.429	1039640.903	1.088
	82F	195.2035	65.147	92.0203	2.10	LAGUNA	1.58	187.7588	65.106	1385548.429	1039640.903	-1.012
	83E	193.2351	72.489	91.4943	0.00	LAGUNA	1.58	185.8132	72.452	1385540.859	1039642.354	1.087
	83F	193.2351	72.489	91.4943	1.95	LAGUNA	1.58	185.8132	72.452	1385540.859	1039642.354	-0.863



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	84E	191.2953	79.192	91.4021	0.00	LAGUNA	1.58	183.9138	79.158	1385533.965	1039644.289	1.089
	84F	191.2953	79.192	91.4021	1.60	LAGUNA	1.58	183.9138	79.158	1385533.965	1039644.289	-0.511
ELAGY06-ELAG1	ELAG1	0.0001	62.025	90.0416	1.70	ESTACION	1.59	119.7654	61.998	1385615.171	1039699.115	1.770
	85E	311.1333	19.676	96.3335	0.00	LAGUNA	1.59	250.9913	19.547	1385608.805	1039680.634	1.107
	85F	311.1333	19.676	96.3335	1.38	LAGUNA	1.59	250.9913	19.547	1385608.805	1039680.634	-0.273
	86E	305.4406	21.143	96.0552	0.00	LAGUNA	1.59	245.5004	21.023	1385606.453	1039679.985	1.109
	86F	305.4406	21.143	96.0552	1.44	LAGUNA	1.59	245.5004	21.023	1385606.453	1039679.985	-0.331
	87E	247.4929	19.556	96.3442	0.00	LAGUNA	1.59	187.5902	19.427	1385595.914	1039696.549	1.115
	87F	247.4929	19.556	96.3442	1.20	LAGUNA	1.59	187.5902	19.427	1385595.914	1039696.549	-0.085
	88E	256.1251	19.498	96.4208	0.00	LAGUNA	1.59	195.9796	19.365	1385596.555	1039693.784	1.079
	88F	256.1251	19.498	96.4208	1.46	LAGUNA	1.59	195.9796	19.365	1385596.555	1039693.784	-0.381
	89E	269.3614	20.545	96.0534	0.00	LAGUNA	1.59	209.3693	20.429	1385597.368	1039689.096	1.174
	89F	269.3614	20.545	96.0534	1.45	LAGUNA	1.59	209.3693	20.429	1385597.368	1039689.096	-0.276
	90E	279.4241	25.219	95.1911	0.00	LAGUNA	1.59	219.4768	25.110	1385595.789	1039683.151	1.017
	90F	279.4241	25.219	95.1911	1.30	LAGUNA	1.59	219.4768	25.110	1385595.789	1039683.151	-0.283
	91E	284.0814	27.168	94.4539	0.00	LAGUNA	1.59	223.9027	27.074	1385595.664	1039680.341	1.100
	91F	284.0814	27.168	94.4539	1.40	LAGUNA	1.59	223.9027	27.074	1385595.664	1039680.341	-0.300
	92E	291.0956	31.858	94.0838	0.00	LAGUNA	1.59	230.9310	31.775	1385595.145	1039674.446	1.053
	92F	291.0956	31.858	94.0838	1.42	LAGUNA	1.59	230.9310	31.775	1385595.145	1039674.446	-0.367
	93E	288.1230	29.873	94.2328	0.00	LAGUNA	1.59	227.9738	29.785	1385595.231	1039676.989	1.068
	93F	288.1230	29.873	94.2328	1.50	LAGUNA	1.59	227.9738	29.785	1385595.231	1039676.989	-0.432
	94E	295.3009	37.429	93.2558	0.00	LAGUNA	1.59	235.2679	37.362	1385593.885	1039668.410	1.114
	94F	295.3009	37.429	93.2558	1.40	LAGUNA	1.59	235.2679	37.362	1385593.885	1039668.410	-0.286
	95E	293.0053	34.821	93.3532	0.00	LAGUNA	1.59	232.7802	34.753	1385594.150	1039671.441	1.173
	95F	293.0053	34.821	93.3532	1.45	LAGUNA	1.59	232.7802	34.753	1385594.150	1039671.441	-0.277
	96E	280.0253	49.799	92.3642	0.00	LAGUNA	1.59	219.8135	49.747	1385576.959	1039667.262	1.086
	96F	280.0253	49.799	92.3642	1.45	LAGUNA	1.59	219.8135	49.747	1385576.959	1039667.262	-0.364
	97E	277.1659	47.527	92.4514	0.00	LAGUNA	1.59	217.0485	47.472	1385577.283	1039670.514	1.072
	97F	277.1659	47.527	92.4514	1.30	LAGUNA	1.59	217.0485	47.472	1385577.283	1039670.514	-0.228
	98E	276.4904	45.880	92.5121	0.00	LAGUNA	1.59	216.5832	45.823	1385578.376	1039671.805	1.069
	98F	276.4904	45.880	92.5121	1.35	LAGUNA	1.59	216.5832	45.823	1385578.376	1039671.805	-0.281
	99E	272.5156	43.938	92.5953	0.00	LAGUNA	1.59	212.6310	43.878	1385578.219	1039675.455	1.057
	99F	272.5156	43.938	92.5953	1.30	LAGUNA	1.59	212.6310	43.878	1385578.219	1039675.455	-0.243
	100E	266.0354	41.950	93.0648	0.00	LAGUNA	1.59	205.8304	41.888	1385577.469	1039680.864	1.077
	100F	266.0354	41.950	93.0648	1.50	LAGUNA	1.59	205.8304	41.888	1385577.469	1039680.864	-0.423
	101E	262.1016	39.415	93.1839	0.00	LAGUNA	1.59	201.9366	39.349	1385578.671	1039684.415	1.079



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	101F	262.1016	39.415	93.1839	1.60	LAGUNA	1.59	201.9366	39.349	1385578.671	1039684.415	-0.521
	102E	251.5638	39.011	93.1935	0.00	LAGUNA	1.59	191.7093	38.945	1385577.037	1039691.211	1.091
	102F	251.5638	39.011	93.1935	1.45	LAGUNA	1.59	191.7093	38.945	1385577.037	1039691.211	-0.359
	103E	247.4441	38.159	93.2402	0.00	LAGUNA	1.59	187.5102	38.092	1385577.406	1039694.136	1.092
	103F	247.4441	38.159	93.2402	1.35	LAGUNA	1.59	187.5102	38.092	1385577.406	1039694.136	-0.258
	104E	247.3056	38.927	93.1942	0.00	LAGUNA	1.59	187.2810	38.861	1385576.623	1039694.190	1.095
	104F	247.3056	38.927	93.1942	1.30	LAGUNA	1.59	187.2810	38.861	1385576.623	1039694.190	-0.205
	105E	242.1049	37.990	93.1920	0.00	LAGUNA	1.59	181.9457	37.926	1385577.267	1039697.827	1.153
	105F	242.1049	37.990	93.1920	1.30	LAGUNA	1.59	181.9457	37.926	1385577.267	1039697.827	-0.147
	106E	267.4648	69.790	91.5309	0.00	LAGUNA	1.59	207.5454	69.752	1385553.326	1039666.858	1.058
	106F	267.4648	69.790	91.5309	1.35	LAGUNA	1.59	207.5454	69.752	1385553.326	1039666.858	-0.292
	107E	265.1737	68.413	91.5536	0.00	LAGUNA	1.59	205.0591	68.374	1385553.233	1039670.155	1.055
	107F	265.1737	68.413	91.5536	1.28	LAGUNA	1.59	205.0591	68.374	1385553.233	1039670.155	-0.225
	108E	262.0847	66.224	91.5905	0.00	LAGUNA	1.59	201.9118	66.184	1385553.768	1039674.416	1.061
	108F	262.0847	66.224	91.5905	1.45	LAGUNA	1.59	201.9118	66.184	1385553.768	1039674.416	-0.389
	109E	258.4557	64.717	92.0210	0.00	LAGUNA	1.59	198.5313	64.676	1385553.849	1039678.560	1.056
	109F	258.4557	64.717	92.0210	1.54	LAGUNA	1.59	198.5313	64.676	1385553.849	1039678.560	-0.484
	110E	254.5125	64.064	92.0246	0.00	LAGUNA	1.59	194.6224	64.023	1385553.222	1039682.953	1.068
	110F	254.5125	64.064	92.0246	1.50	LAGUNA	1.59	194.6224	64.023	1385553.222	1039682.953	-0.432
	111E	251.5124	62.525	92.0537	0.00	LAGUNA	1.59	191.6221	62.483	1385553.969	1039686.527	1.071
	111F	251.5124	62.525	92.0537	1.66	LAGUNA	1.59	191.6221	62.483	1385553.969	1039686.527	-0.589
	112E	247.2102	62.461	92.0543	0.00	LAGUNA	1.59	187.1160	62.419	1385553.233	1039691.383	1.071
	112F	247.2102	62.461	92.0543	1.52	LAGUNA	1.59	187.1160	62.419	1385553.233	1039691.383	-0.449
	113E	245.0606	61.236	92.1041	0.00	LAGUNA	1.59	184.8671	61.192	1385554.200	1039693.923	1.028
	113F	245.0606	61.236	92.1041	1.58	LAGUNA	1.59	184.8671	61.192	1385554.200	1039693.923	-0.552
	114E	243.2959	61.492	92.0954	0.00	LAGUNA	1.59	183.2652	61.448	1385553.823	1039695.615	1.032
	114F	243.2959	61.492	92.0954	1.45	LAGUNA	1.59	183.2652	61.448	1385553.823	1039695.615	-0.418
	115E	242.0853	60.896	92.1238	0.00	LAGUNA	1.59	181.9135	60.851	1385554.355	1039697.083	1.006
	115F	242.0853	60.896	92.1238	1.42	LAGUNA	1.59	181.9135	60.851	1385554.355	1039697.083	-0.414
	116E	262.2528	81.840	91.4004	0.00	LAGUNA	1.59	202.1899	81.805	1385539.425	1039668.219	0.973
	116F	262.2528	81.840	91.4004	1.40	LAGUNA	1.59	202.1899	81.805	1385539.425	1039668.219	-0.427
	117E	260.0726	79.824	91.3901	0.00	LAGUNA	1.59	199.8893	79.791	1385540.140	1039671.970	1.056
	117F	260.0726	79.824	91.3901	1.46	LAGUNA	1.59	199.8893	79.791	1385540.140	1039671.970	-0.404
	118E	257.0839	78.522	91.4022	0.00	LAGUNA	1.59	196.9096	78.489	1385540.076	1039676.286	1.063
	118F	257.0839	78.522	91.4022	1.50	LAGUNA	1.59	196.9096	78.489	1385540.076	1039676.286	-0.437
	119E	255.4856	78.435	91.4128	0.00	LAGUNA	1.59	195.5810	78.401	1385539.652	1039678.057	1.040



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	119F	255.4856	78.435	91.4128	1.76	LAGUNA	1.59	195.5810	78.401	1385539.652	1039678.057	-0.720
	120E	249.2117	76.437	91.4308	0.00	LAGUNA	1.59	189.1202	76.403	1385539.735	1039687.005	1.062
	120F	249.2117	76.437	91.4308	1.55	LAGUNA	1.59	189.1202	76.403	1385539.735	1039687.005	-0.488
	121E	247.0902	75.498	91.4424	0.00	LAGUNA	1.59	186.9160	75.463	1385540.257	1039690.028	1.063
	121F	247.0902	75.498	91.4424	1.50	LAGUNA	1.59	186.9160	75.463	1385540.257	1039690.028	-0.437
	122E	244.0829	75.127	91.4527	0.00	LAGUNA	1.59	183.9068	75.092	1385540.254	1039693.999	1.051
	122F	244.0829	75.127	91.4527	1.50	LAGUNA	1.59	183.9068	75.092	1385540.254	1039693.999	-0.449
	123E	241.5239	75.129	91.4503	0.00	LAGUNA	1.59	181.6429	75.094	1385540.108	1039696.962	1.060
	123F	241.5239	75.129	91.4503	1.48	LAGUNA	1.59	181.6429	75.094	1385540.108	1039696.962	-0.420
	124E	250.2243	80.313	91.3822	0.00	LAGUNA	1.59	190.1441	80.280	1385536.146	1039684.976	1.057
	124F	250.2243	80.313	91.3822	1.40	LAGUNA	1.59	190.1441	80.280	1385536.146	1039684.976	-0.343
	125E	250.4703	77.202	91.4208	0.00	LAGUNA	1.59	190.5496	77.168	1385539.308	1039684.987	1.062
	125F	250.4703	77.202	91.4208	1.45	LAGUNA	1.59	190.5496	77.168	1385539.308	1039684.987	-0.388
	126E	252.4038	66.946	91.5716	0.00	LAGUNA	1.59	192.4427	66.907	1385549.836	1039684.699	1.072
	126F	252.4038	66.946	91.5716	1.50	LAGUNA	1.59	192.4427	66.907	1385549.836	1039684.699	-0.428
	127E	252.5715	64.420	92.0201	0.00	LAGUNA	1.59	192.7196	64.379	1385552.372	1039684.940	1.069
	127F	252.5715	64.420	92.0201	1.60	LAGUNA	1.59	192.7196	64.379	1385552.372	1039684.940	-0.531
	128E	259.2439	50.226	92.3636	0.00	LAGUNA	1.59	199.1763	50.174	1385567.782	1039682.634	1.068
	128F	259.2439	50.226	92.3636	1.55	LAGUNA	1.59	199.1763	50.174	1385567.782	1039682.634	-0.482
	129E	260.5332	47.140	92.4641	0.00	LAGUNA	1.59	200.6577	47.085	1385571.114	1039682.504	1.070
	129F	260.5332	47.140	92.4641	1.57	LAGUNA	1.59	200.6577	47.085	1385571.114	1039682.504	-0.500
	130E	271.1805	34.295	93.4753	0.00	LAGUNA	1.59	211.0668	34.220	1385585.860	1039681.456	1.083
	130F	271.1805	34.295	93.4753	1.58	LAGUNA	1.59	211.0668	34.220	1385585.860	1039681.456	-0.497
	131E	272.5827	32.469	93.5936	0.00	LAGUNA	1.59	212.7396	32.390	1385587.927	1039681.598	1.094
	131F	272.5827	32.469	93.5936	1.40	LAGUNA	1.59	212.7396	32.390	1385587.927	1039681.598	-0.306
ELAGY06-ELAG1	ELAG1	359.5959	61.999	90.0454	1.70	ESTACION	1.59	119.7654	61.998	1385615.171	1039699.115	1.770
	ELAG2	252.0139	85.355	89.5253	1.70	DELTA	1.59	191.7929	85.355	1385531.618	1039681.671	1.832
ELAG2-ELAGY06	ELAGY06	0.0000	85.347	89.5900	1.70	ESTACION	1.59	191.7929	85.355	1385531.618	1039681.671	1.832
	132E	210.4511	18.817	97.5421	0.00	LAGUNA	1.59	222.5460	18.638	1385517.887	1039669.068	0.837
	132F	210.4511	18.817	97.5421	1.45	LAGUNA	1.59	222.5460	18.638	1385517.887	1039669.068	-0.613
	133E	205.3900	16.107	99.1346	0.00	LAGUNA	1.59	217.4429	15.898	1385518.996	1039672.005	0.841
	133F	205.3900	16.107	99.1346	1.59	LAGUNA	1.59	217.4429	15.898	1385518.996	1039672.005	-0.749
	134E	191.4636	15.043	99.5322	0.00	LAGUNA	1.59	203.5696	14.819	1385518.035	1039675.745	0.841
	134F	191.4636	15.043	99.5322	1.55	LAGUNA	1.59	203.5696	14.819	1385518.035	1039675.745	-0.709
	135E	170.5715	12.082	102.1732	0.00	LAGUNA	1.59	182.7471	11.805	1385519.827	1039681.105	0.852
	135F	170.5715	12.082	102.1732	1.63	LAGUNA	1.59	182.7471	11.805	1385519.827	1039681.105	-0.778



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	136E	145.0810	13.848	100.4532	0.00	LAGUNA	1.59	156.9291	13.605	1385519.102	1039687.002	0.840
	136F	145.0810	13.848	100.4532	1.58	LAGUNA	1.59	156.9291	13.605	1385519.102	1039687.002	-0.740
	137E	131.3628	14.884	99.5957	0.00	LAGUNA	1.59	143.4007	14.658	1385519.851	1039690.410	0.840
	137F	131.3628	14.884	99.5957	1.43	LAGUNA	1.59	143.4007	14.658	1385519.851	1039690.410	-0.590
	138E	124.3134	18.907	97.5835	0.00	LAGUNA	1.59	136.3191	18.724	1385518.077	1039694.602	0.801
	138F	124.3134	18.907	97.5835	1.44	LAGUNA	1.59	136.3191	18.724	1385518.077	1039694.602	-0.639
	139E	116.3225	20.815	97.0538	0.00	LAGUNA	1.59	128.3332	20.656	1385518.807	1039697.873	0.854
	139F	116.3225	20.815	97.0538	1.46	LAGUNA	1.59	128.3332	20.656	1385518.807	1039697.873	-0.606
	140E	119.0036	22.004	96.4307	0.00	LAGUNA	1.59	130.8029	21.853	1385517.338	1039698.212	0.850
	140F	119.0036	22.004	96.4307	1.40	LAGUNA	1.59	130.8029	21.853	1385517.338	1039698.212	-0.550
	141E	113.5550	23.671	96.1457	0.00	LAGUNA	1.59	125.7235	23.530	1385517.879	1039700.774	0.848
	141F	113.5550	23.671	96.1457	1.00	LAGUNA	1.59	125.7235	23.530	1385517.879	1039700.774	-0.152
	142E	132.0005	33.315	94.2638	0.00	LAGUNA	1.59	143.7943	33.215	1385504.817	1039701.290	0.843
	142F	132.0005	33.315	94.2638	1.39	LAGUNA	1.59	143.7943	33.215	1385504.817	1039701.290	-0.547
	143E	138.1349	32.008	94.3721	0.00	LAGUNA	1.59	150.0232	31.904	1385503.982	1039697.611	0.845
	143F	138.1349	32.008	94.3721	1.60	LAGUNA	1.59	150.0232	31.904	1385503.982	1039697.611	-0.755
	144E	149.3018	31.715	94.3958	0.00	LAGUNA	1.59	161.2979	31.610	1385501.677	1039691.806	0.845
	144F	149.3018	31.715	94.3958	1.57	LAGUNA	1.59	161.2979	31.610	1385501.677	1039691.806	-0.725
	145E	155.5055	30.891	94.4720	0.00	LAGUNA	1.59	167.6416	30.783	1385501.548	1039688.259	0.846
	145F	155.5055	30.891	94.4720	1.65	LAGUNA	1.59	167.6416	30.783	1385501.548	1039688.259	-0.804
	146E	166.0759	31.429	94.4409	0.00	LAGUNA	1.59	177.9260	31.322	1385500.317	1039682.804	0.830
	146F	166.0759	31.429	94.4409	1.68	LAGUNA	1.59	177.9260	31.322	1385500.317	1039682.804	-0.850
	147E	173.3908	30.557	94.5010	0.00	LAGUNA	1.59	185.4452	30.448	1385501.307	1039678.781	0.849
	147F	173.3908	30.557	94.5010	1.60	LAGUNA	1.59	185.4452	30.448	1385501.307	1039678.781	-0.751
	148E	186.1351	33.877	94.2238	0.00	LAGUNA	1.59	198.0238	33.778	1385499.498	1039671.219	0.839
	148F	186.1351	33.877	94.2238	1.58	LAGUNA	1.59	198.0238	33.778	1385499.498	1039671.219	-0.741
	149E	190.0816	34.454	94.1741	0.00	LAGUNA	1.59	201.9307	34.357	1385499.747	1039668.839	0.845
	149F	190.0816	34.454	94.1741	1.39	LAGUNA	1.59	201.9307	34.357	1385499.747	1039668.839	-0.545
	150E	180.4125	51.210	92.5257	0.00	LAGUNA	1.59	192.4832	51.145	1385481.682	1039670.615	0.849
	150F	180.4125	51.210	92.5257	1.51	LAGUNA	1.59	192.4832	51.145	1385481.682	1039670.615	-0.661
	151E	176.5758	50.836	92.5423	0.00	LAGUNA	1.59	188.7591	50.771	1385481.440	1039673.939	0.847
	151F	176.5758	50.836	92.5423	1.55	LAGUNA	1.59	188.7591	50.771	1385481.440	1039673.939	-0.703
	152E	171.1535	49.725	92.5922	0.00	LAGUNA	1.59	183.0527	49.657	1385482.031	1039679.026	0.831
	152F	171.1535	49.725	92.5922	1.58	LAGUNA	1.59	183.0527	49.657	1385482.031	1039679.026	-0.749
	153E	167.1609	49.725	92.5923	0.00	LAGUNA	1.59	179.0621	49.657	1385481.968	1039682.483	0.831
	153F	167.1609	49.725	92.5923	1.59	LAGUNA	1.59	179.0621	49.657	1385481.968	1039682.483	-0.759



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	154E	162.0814	53.075	92.4732	0.00	LAGUNA	1.59	173.9302	53.012	1385478.903	1039687.276	0.839
	154F	162.0814	53.075	92.4732	1.55	LAGUNA	1.59	173.9302	53.012	1385478.903	1039687.276	-0.711
	155E	158.3643	53.274	92.4636	0.00	LAGUNA	1.59	170.4049	53.211	1385479.151	1039690.540	0.844
	155F	158.3643	53.274	92.4636	1.55	LAGUNA	1.59	170.4049	53.211	1385479.151	1039690.540	-0.706
	156E	147.5819	55.105	92.4118	0.00	LAGUNA	1.59	159.7649	55.044	1385479.971	1039700.709	0.840
	156F	147.5819	55.105	92.4118	1.36	LAGUNA	1.59	159.7649	55.044	1385479.971	1039700.709	-0.520
	157E	145.1601	55.011	92.4005	0.00	LAGUNA	1.59	157.0599	54.951	1385481.013	1039703.089	0.864
	157F	145.1601	55.011	92.4005	0.70	LAGUNA	1.59	157.0599	54.951	1385481.013	1039703.089	0.164
ELAG2-ELAGY06	ELAGY06	0.0001	85.363	89.5836	1.70	ESTACION	1.60	191.7929	85.355	1385531.618	1039681.671	1.832
	ELAG3	255.4024	29.071	89.4958	1.70	DELTA	1.60	267.4663	29.071	1385530.333	1039652.628	1.815
	158E	152.1816	72.061	92.0248	0.00	LAGUNA	1.60	164.0974	72.015	1385462.359	1039701.403	0.856
	158F	152.1816	72.061	92.0248	1.50	LAGUNA	1.60	164.0974	72.015	1385462.359	1039701.403	-0.644
	159E	154.4604	71.549	92.0353	0.00	LAGUNA	1.60	166.5607	71.503	1385462.074	1039698.289	0.852
	159F	154.4604	71.549	92.0353	1.43	LAGUNA	1.60	166.5607	71.503	1385462.074	1039698.289	-0.578
	160E	161.0035	70.201	92.0527	0.00	LAGUNA	1.60	172.8027	70.154	1385462.017	1039690.460	0.869
	160F	161.0035	70.201	92.0527	1.50	LAGUNA	1.60	172.8027	70.154	1385462.017	1039690.460	-0.631
	161E	163.3757	71.135	92.0454	0.00	LAGUNA	1.60	175.4254	71.088	1385460.757	1039687.340	0.846
	161F	163.3757	71.135	92.0454	1.55	LAGUNA	1.60	175.4254	71.088	1385460.757	1039687.340	-0.704
	162E	167.1543	71.890	92.0252	0.00	LAGUNA	1.60	179.0549	71.844	1385459.784	1039682.856	0.861
	162F	167.1543	71.890	92.0252	1.49	LAGUNA	1.60	179.0549	71.844	1385459.784	1039682.856	-0.629
	163E	169.3804	71.801	92.0252	0.00	LAGUNA	1.60	181.4274	71.755	1385459.885	1039679.883	0.864
	163F	169.3804	71.801	92.0252	1.50	LAGUNA	1.60	181.4274	71.755	1385459.885	1039679.883	-0.636
	164E	173.4405	72.772	92.0125	0.00	LAGUNA	1.60	185.5277	72.727	1385459.230	1039674.665	0.860
	164F	173.4405	72.772	92.0125	1.56	LAGUNA	1.60	185.5277	72.727	1385459.230	1039674.665	-0.700
	165E	176.0336	72.543	92.0154	0.00	LAGUNA	1.60	187.8529	72.497	1385459.801	1039671.765	0.858
	165F	176.0336	72.543	92.0154	1.45	LAGUNA	1.60	187.8529	72.497	1385459.801	1039671.765	-0.592
	166E	164.2149	74.982	91.5755	0.00	LAGUNA	1.60	176.1566	74.938	1385456.849	1039686.694	0.858
	166F	164.2149	74.982	91.5755	1.30	LAGUNA	1.60	176.1566	74.938	1385456.849	1039686.694	-0.442
	167E	164.4022	71.759	92.0322	0.00	LAGUNA	1.60	176.4657	71.713	1385460.042	1039686.091	0.855
	167F	164.4022	71.759	92.0322	1.46	LAGUNA	1.60	176.4657	71.713	1385460.042	1039686.091	-0.605
	168E	165.5424	59.437	92.2822	0.00	LAGUNA	1.60	177.6996	59.382	1385472.284	1039684.054	0.865
	168F	165.5424	59.437	92.2822	1.60	LAGUNA	1.60	177.6996	59.382	1385472.284	1039684.054	-0.735
	169E	166.0850	56.155	92.3737	0.00	LAGUNA	1.60	177.9402	56.096	1385475.559	1039683.687	0.856
	169F	166.0850	56.155	92.3737	1.60	LAGUNA	1.60	177.9402	56.096	1385475.559	1039683.687	-0.744
	170E	165.1201	42.867	93.2608	0.00	LAGUNA	1.60	176.9932	42.790	1385488.887	1039683.915	0.861
	170F	165.1201	42.867	93.2608	1.58	LAGUNA	1.60	176.9932	42.790	1385488.887	1039683.915	-0.719



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	171E	165.4514	39.474	93.4403	0.00	LAGUNA	1.60	177.5468	39.390	1385492.264	1039683.357	0.859
	171F	165.4514	39.474	93.4403	1.60	LAGUNA	1.60	177.5468	39.390	1385492.264	1039683.357	-0.741
	172E	165.5407	27.617	95.1941	0.00	LAGUNA	1.60	177.6949	27.498	1385504.143	1039682.777	0.865
	172F	165.5407	27.617	95.1941	1.67	LAGUNA	1.60	177.6949	27.498	1385504.143	1039682.777	-0.805
	173E	161.1246	22.639	96.2940	0.00	LAGUNA	1.60	173.0057	22.494	1385509.292	1039684.410	0.869
	173F	161.1246	22.639	96.2940	1.63	LAGUNA	1.60	173.0057	22.494	1385509.292	1039684.410	-0.761
	174E	164.1817	9.416	105.5058	0.00	LAGUNA	1.60	176.0977	9.058	1385522.581	1039682.287	0.858
	174F	164.1817	9.416	105.5058	1.60	LAGUNA	1.60	176.0977	9.058	1385522.581	1039682.287	-0.742
	175E	152.4346	6.667	112.3254	0.00	LAGUNA	1.60	164.5224	6.157	1385525.684	1039683.314	0.873
	175F	152.4346	6.667	112.3254	1.50	LAGUNA	1.60	164.5224	6.157	1385525.684	1039683.314	-0.627
ELAG3-ELAG2	ELAG2	0.0000	29.066	89.4649	1.70	ESTACION	1.58	267.4663	29.071	1385530.333	1039652.628	1.815
	176E	62.5726	15.065	99.3800	0.00	LAGUNA	1.58	150.4235	14.853	1385517.416	1039659.959	0.877
	176F	62.5726	15.065	99.3800	1.02	LAGUNA	1.58	150.4235	14.853	1385517.416	1039659.959	-0.143
	177E	73.3549	14.002	100.2037	0.00	LAGUNA	1.58	161.0632	13.774	1385517.304	1039657.098	0.883
	177F	73.3549	14.002	100.2037	1.68	LAGUNA	1.58	161.0632	13.774	1385517.304	1039657.098	-0.797
	178E	69.2118	14.299	100.0716	0.00	LAGUNA	1.58	156.8213	14.076	1385517.393	1039658.169	0.885
	178F	69.2118	14.299	100.0716	1.50	LAGUNA	1.58	156.8213	14.076	1385517.393	1039658.169	-0.615
	179E	107.4648	12.344	101.4542	0.00	LAGUNA	1.58	195.2463	12.085	1385518.674	1039649.450	0.881
	179F	107.4648	12.344	101.4542	1.75	LAGUNA	1.58	195.2463	12.085	1385518.674	1039649.450	-0.869
	180E	117.3353	12.876	101.1505	0.00	LAGUNA	1.58	205.0310	12.629	1385518.891	1039647.285	0.885
	180F	117.3353	12.876	101.1505	1.74	LAGUNA	1.58	205.0310	12.629	1385518.891	1039647.285	-0.855
	181E	136.1800	16.692	98.3914	0.00	LAGUNA	1.58	223.7663	16.502	1385518.416	1039641.213	0.886
	181F	136.1800	16.692	98.3914	1.60	LAGUNA	1.58	223.7663	16.502	1385518.416	1039641.213	-0.714
	182E	142.3143	18.099	97.5953	0.00	LAGUNA	1.58	229.9949	17.923	1385518.811	1039638.899	0.879
	182F	142.3143	18.099	97.5953	1.55	LAGUNA	1.58	229.9949	17.923	1385518.811	1039638.899	-0.671
	183E	152.3235	24.977	95.4551	0.00	LAGUNA	1.58	240.0093	24.851	1385517.911	1039631.105	0.889
	183F	152.3235	24.977	95.4551	1.53	LAGUNA	1.58	240.0093	24.851	1385517.911	1039631.105	-0.641
	184E	157.5209	27.800	95.1144	0.00	LAGUNA	1.58	245.3354	27.686	1385518.780	1039627.468	0.880
	184F	157.5209	27.800	95.1144	1.44	LAGUNA	1.58	245.3354	27.686	1385518.780	1039627.468	-0.560
	185E	125.0015	44.413	93.1433	0.00	LAGUNA	1.58	212.4704	44.342	1385492.923	1039628.823	0.885
	185F	125.0015	44.413	93.1433	1.50	LAGUNA	1.58	212.4704	44.342	1385492.923	1039628.823	-0.615
	186E	121.4908	43.070	93.2209	0.00	LAGUNA	1.58	209.2852	42.996	1385492.833	1039631.597	0.866
	186F	121.4908	43.070	93.2209	1.63	LAGUNA	1.58	209.2852	42.996	1385492.833	1039631.597	-0.764
	187E	112.0630	39.627	93.3852	0.00	LAGUNA	1.58	199.5746	39.547	1385493.072	1039639.379	0.876
	187F	112.0630	39.627	93.3852	1.67	LAGUNA	1.58	199.5746	39.547	1385493.072	1039639.379	-0.794
	188E	107.5108	38.239	93.4635	0.00	LAGUNA	1.58	195.3185	38.156	1385493.533	1039642.548	0.879



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	188F	107.5108	38.239	93.4635	1.64	LAGUNA	1.58	195.3185	38.156	1385493.533	1039642.548	-0.761
	189E	99.3348	37.167	93.5200	0.00	LAGUNA	1.58	187.0296	37.082	1385493.529	1039648.090	0.891
	189F	99.3348	37.167	93.5200	1.66	LAGUNA	1.58	187.0296	37.082	1385493.529	1039648.090	-0.769
	190E	95.1322	36.270	93.5843	0.00	LAGUNA	1.58	182.6891	36.183	1385494.190	1039650.931	0.881
	190F	95.1322	36.270	93.5843	1.62	LAGUNA	1.58	182.6891	36.183	1385494.190	1039650.931	-0.739
	191E	84.4216	36.155	93.5843	0.00	LAGUNA	1.58	172.1707	36.068	1385494.601	1039657.541	0.889
	191F	84.4216	36.155	93.5843	1.58	LAGUNA	1.58	172.1707	36.068	1385494.601	1039657.541	-0.691
	192E	80.2256	36.257	93.5856	0.00	LAGUNA	1.58	167.8485	36.169	1385494.974	1039660.242	0.880
	192F	80.2256	36.257	93.5856	1.53	LAGUNA	1.58	167.8485	36.169	1385494.974	1039660.242	-0.650
	193E	85.0518	61.379	92.2101	0.00	LAGUNA	1.58	172.5546	61.327	1385469.523	1039660.575	0.880
	193F	85.0518	61.379	92.2101	1.52	LAGUNA	1.58	172.5546	61.327	1385469.523	1039660.575	-0.640
	194E	87.4814	61.104	92.2129	0.00	LAGUNA	1.58	175.2702	61.052	1385469.489	1039657.662	0.883
	194F	87.4814	61.104	92.2129	1.44	LAGUNA	1.58	175.2702	61.052	1385469.489	1039657.662	-0.557
	195E	93.2816	62.175	92.1846	0.00	LAGUNA	1.58	180.9374	62.124	1385468.217	1039651.612	0.889
	195F	93.2816	62.175	92.1846	1.52	LAGUNA	1.58	180.9374	62.124	1385468.217	1039651.612	-0.631
	196E	96.2218	62.691	92.1846	0.00	LAGUNA	1.58	183.8379	62.640	1385467.834	1039648.435	0.868
	196F	96.2218	62.691	92.1846	1.52	LAGUNA	1.58	183.8379	62.640	1385467.834	1039648.435	-0.652
	197E	101.4715	63.263	92.1612	0.00	LAGUNA	1.58	189.2538	63.213	1385467.942	1039642.463	0.892
	197F	101.4715	63.263	92.1612	1.59	LAGUNA	1.58	189.2538	63.213	1385467.942	1039642.463	-0.698
	198E	104.1101	63.696	92.1545	0.00	LAGUNA	1.58	191.6499	63.646	1385467.998	1039639.776	0.883
	198F	104.1101	63.696	92.1545	1.55	LAGUNA	1.58	191.6499	63.646	1385467.998	1039639.776	-0.667
	199E	110.0843	65.598	92.1131	0.00	LAGUNA	1.58	197.6116	65.550	1385467.855	1039632.795	0.889
	199F	110.0843	65.598	92.1131	1.35	LAGUNA	1.58	197.6116	65.550	1385467.855	1039632.795	-0.461
	200E	112.3900	66.209	92.1007	0.00	LAGUNA	1.58	200.1163	66.162	1385468.208	1039629.873	0.892
	200F	112.3900	66.209	92.1007	1.29	LAGUNA	1.58	200.1163	66.162	1385468.208	1039629.873	-0.398
	201E	109.3007	74.448	91.5606	0.00	LAGUNA	1.58	196.9682	74.406	1385459.167	1039630.914	0.884
	201F	109.3007	74.448	91.5606	1.34	LAGUNA	1.58	196.9682	74.406	1385459.167	1039630.914	-0.456
	202E	107.2309	73.249	91.5809	0.00	LAGUNA	1.58	194.8521	73.206	1385459.573	1039633.864	0.881
	202F	107.2309	73.249	91.5809	1.34	LAGUNA	1.58	194.8521	73.206	1385459.573	1039633.864	-0.459
	203E	104.3303	71.695	92.0049	0.00	LAGUNA	1.58	192.0171	71.651	1385460.253	1039637.710	0.878
	203F	104.3303	71.695	92.0049	1.43	LAGUNA	1.58	192.0171	71.651	1385460.253	1039637.710	-0.552
	204E	102.1453	69.691	92.0355	0.00	LAGUNA	1.58	189.7143	69.646	1385461.686	1039640.876	0.886
	204F	102.1453	69.691	92.0355	1.50	LAGUNA	1.58	189.7143	69.646	1385461.686	1039640.876	-0.614
	205E	98.1648	67.850	92.0723	0.00	LAGUNA	1.58	185.7463	67.803	1385462.870	1039645.839	0.884
	205F	98.1648	67.850	92.0723	1.60	LAGUNA	1.58	185.7463	67.803	1385462.870	1039645.839	-0.716
	206E	95.2801	68.016	92.0705	0.00	LAGUNA	1.58	182.9332	67.970	1385462.453	1039649.150	0.884



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	206F	95.2801	68.016	92.0705	1.59	LAGUNA	1.58	182.9332	67.970	1385462.453	1039649.150	-0.706
	207E	91.4809	69.329	92.0448	0.00	LAGUNA	1.58	179.2688	69.283	1385461.055	1039653.512	0.881
	207F	91.4809	69.329	92.0448	1.55	LAGUNA	1.58	179.2688	69.283	1385461.055	1039653.512	-0.669
	208E	89.3256	68.660	92.0606	0.00	LAGUNA	1.58	177.0152	68.614	1385461.812	1039656.201	0.880
	208F	89.3256	68.660	92.0606	1.48	LAGUNA	1.58	177.0152	68.614	1385461.812	1039656.201	-0.600
	209E	86.5631	68.970	92.0518	0.00	LAGUNA	1.58	174.4082	68.924	1385461.737	1039659.344	0.884
	209F	86.5631	68.970	92.0518	1.50	LAGUNA	1.58	174.4082	68.924	1385461.737	1039659.344	-0.616
	210E	84.5545	69.263	92.0450	0.00	LAGUNA	1.58	172.3954	69.217	1385461.725	1039661.788	0.883
	210F	84.5545	69.263	92.0450	1.35	LAGUNA	1.58	172.3954	69.217	1385461.725	1039661.788	-0.467
	211E	96.4522	76.209	91.5316	0.00	LAGUNA	1.58	184.2224	76.168	1385454.372	1039647.020	0.887
	211F	96.4522	76.209	91.5316	1.50	LAGUNA	1.58	184.2224	76.168	1385454.372	1039647.020	-0.613
	212E	96.5804	73.055	91.5816	0.00	LAGUNA	1.58	184.4341	73.012	1385457.540	1039646.983	0.885
	212F	96.5804	73.055	91.5816	1.60	LAGUNA	1.58	184.4341	73.012	1385457.540	1039646.983	-0.715
	213E	97.4117	68.442	92.0624	0.00	LAGUNA	1.58	185.1543	68.396	1385462.214	1039646.484	0.882
	213F	97.4117	68.442	92.0624	1.60	LAGUNA	1.58	185.1543	68.396	1385462.214	1039646.484	-0.718
	214E	97.4918	65.339	92.1204	0.00	LAGUNA	1.58	185.2879	65.291	1385465.320	1039646.611	0.888
	214F	97.4918	65.339	92.1204	1.53	LAGUNA	1.58	185.2879	65.291	1385465.320	1039646.611	-0.642
	215E	98.3621	52.557	92.4448	0.00	LAGUNA	1.58	186.0721	52.497	1385478.131	1039647.075	0.879
	215F	98.3621	52.557	92.4448	1.60	LAGUNA	1.58	186.0721	52.497	1385478.131	1039647.075	-0.721
	216E	99.1648	49.586	92.5445	0.00	LAGUNA	1.58	186.7463	49.522	1385481.154	1039646.811	0.878
	216F	99.1648	49.586	92.5445	1.60	LAGUNA	1.58	186.7463	49.522	1385481.154	1039646.811	-0.722
	217E	101.5135	36.652	93.5535	0.00	LAGUNA	1.58	189.3260	36.566	1385494.250	1039646.703	0.888
	217F	101.5135	36.652	93.5535	1.60	LAGUNA	1.58	189.3260	36.566	1385494.250	1039646.703	-0.712
	218E	101.3615	33.377	94.1921	0.00	LAGUNA	1.58	189.0704	33.282	1385497.467	1039647.381	0.882
	218F	101.3615	33.377	94.1921	1.50	LAGUNA	1.58	189.0704	33.282	1385497.467	1039647.381	-0.618
	219E	108.3138	19.668	97.1941	0.00	LAGUNA	1.58	195.9935	19.507	1385511.581	1039647.253	0.889
	219F	108.3138	19.668	97.1941	1.64	LAGUNA	1.58	195.9935	19.507	1385511.581	1039647.253	-0.751
	220E	111.4442	17.606	98.3723	0.00	LAGUNA	1.58	199.2113	17.407	1385513.895	1039646.900	0.758
	220F	111.4442	17.606	98.3723	1.62	LAGUNA	1.58	199.2113	17.407	1385513.895	1039646.900	-0.862
	221E	131.4825	9.865	104.4754	0.00	LAGUNA	1.58	219.2732	9.538	1385522.950	1039646.591	0.878
	221F	131.4825	9.865	104.4754	1.60	LAGUNA	1.58	219.2732	9.538	1385522.950	1039646.591	-0.722
	222E	140.3133	8.228	107.5014	0.00	LAGUNA	1.58	227.9921	7.832	1385525.091	1039646.808	0.877
	222F	140.3133	8.228	107.5014	1.48	LAGUNA	1.58	227.9921	7.832	1385525.091	1039646.808	-0.603
ELAG1-E12000	E12000	0.0001	53.920	91.3012	1.70	ESTACION	1.58	91.2407	53.862	1385645.950	1039645.297	1.584
	223	174.1339	6.087	90.3158	1.70	BORDLAGUNA	1.58	85.4682	6.087	1385646.431	1039651.364	1.406
	224	189.5546	2.684	94.2852	1.70	BORDLAGUNA	1.58	101.1702	2.676	1385645.432	1039647.922	1.252



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	225	278.1135	1.635	92.1111	1.70	BORDLAGUNA	1.58	189.4338	1.634	1385644.339	1039645.029	1.400
	226	307.3028	4.810	91.0331	1.70	BORDLAGUNA	1.58	218.7485	4.809	1385642.200	1039642.287	1.373
	227	304.0137	8.376	90.5233	1.70	BORDLAGUNA	1.58	215.2677	8.375	1385639.113	1039640.461	1.334
	228	295.0438	13.000	90.4129	1.70	BORDLAGUNA	1.58	206.3179	12.999	1385634.299	1039639.534	1.305
	229	288.4726	16.379	90.2242	1.70	BORDLAGUNA	1.58	200.0313	16.379	1385630.563	1039639.686	1.354
	230	287.2141	18.003	90.2416	1.70	BORDLAGUNA	1.58	198.6021	18.003	1385628.888	1039639.554	1.335
	231	281.4107	22.217	90.4729	1.70	BORDLAGUNA	1.58	192.9260	22.215	1385624.298	1039640.327	1.155
	232	278.1029	25.995	90.1924	1.70	BORDLAGUNA	1.58	189.4154	25.995	1385620.306	1039641.044	1.315
	233	273.5859	28.232	90.2053	1.70	BORDLAGUNA	1.58	185.2238	28.231	1385617.836	1039642.726	1.291
	234	265.4928	29.988	90.1441	1.70	BORDLAGUNA	1.58	177.0652	29.988	1385616.002	1039646.832	1.334
	235	257.5822	31.790	90.3229	1.70	BORDLAGUNA	1.58	169.2135	31.789	1385614.724	1039651.246	1.162
	236	250.5545	32.943	90.2216	1.70	BORDLAGUNA	1.58	162.1699	32.942	1385614.590	1039655.383	1.249
	237	243.3915	34.414	90.2209	1.70	BORDLAGUNA	1.58	154.8949	34.413	1385614.788	1039659.898	1.240
	238	236.1143	36.664	90.1930	1.70	BORDLAGUNA	1.58	147.4360	36.663	1385615.051	1039665.030	1.254
	239	228.0524	40.217	90.2139	1.70	BORDLAGUNA	1.58	139.3307	40.216	1385615.447	1039671.505	1.209
	240	223.1637	42.982	90.1930	1.70	BORDLAGUNA	1.58	134.5177	42.981	1385615.815	1039675.944	1.218
	241	216.1050	48.945	90.3013	1.70	BORDLAGUNA	1.58	127.4213	48.943	1385616.209	1039684.167	1.032
	242	213.3448	52.343	90.2030	1.70	BORDLAGUNA	1.58	124.8207	52.342	1385616.063	1039688.266	1.150
	243	209.0636	57.157	90.2417	1.70	BORDLAGUNA	1.58	120.3507	57.156	1385617.070	1039694.619	1.058
	244	204.1654	59.371	90.2537	1.70	BORDLAGUNA	1.58	115.5224	59.369	1385620.370	1039698.873	1.020
	245	199.0846	58.938	90.2725	1.70	BORDLAGUNA	1.58	110.3868	58.936	1385625.420	1039700.541	0.992
	246	195.3032	57.809	90.2531	1.70	BORDLAGUNA	1.58	106.7496	57.807	1385629.291	1039700.651	1.033
	247	190.4747	56.473	90.4219	1.70	BORDLAGUNA	1.58	102.0371	56.469	1385634.174	1039700.524	0.767
	248	184.4427	54.734	90.2514	1.70	BORDLAGUNA	1.58	95.9816	54.733	1385640.247	1039699.731	1.060
	249	181.0421	51.639	90.4322	1.70	BORDLAGUNA	1.58	92.3132	51.635	1385643.866	1039696.889	0.811
	250	178.1923	49.749	90.2500	1.70	BORDLAGUNA	1.58	89.5638	49.748	1385646.329	1039695.043	1.100
	251	177.0348	42.218	90.3954	1.70	BORDLAGUNA	1.58	88.3041	42.215	1385647.200	1039687.493	0.972
	252	175.2802	33.377	90.1022	1.70	BORDLAGUNA	1.58	86.7079	33.377	1385647.867	1039678.618	1.362
	253	175.4238	27.028	90.2849	1.70	BORDLAGUNA	1.58	86.9513	27.027	1385647.388	1039672.285	1.236
	254	175.0548	18.176	90.2705	1.70	BORDLAGUNA	1.58	86.3374	18.175	1385647.112	1039663.435	1.319
	255	173.2717	10.691	90.4609	1.70	BORDLAGUNA	1.58	84.6954	10.690	1385646.939	1039655.941	1.319
	256	175.3353	4.600	91.0924	1.70	BORDLAGUNA	1.58	86.8054	4.599	1385646.207	1039649.889	1.369
	257	288.5905	16.693	89.2304	1.70	ESTRUCTURA	1.58	200.2254	16.692	1385630.288	1039639.526	1.642
	258	294.2336	17.359	90.0922	1.70	ESTRUCTURA	1.58	205.6341	17.359	1385630.300	1039637.787	1.415
	259	287.3721	17.714	89.2517	1.70	ESTRUCTURA	1.58	198.8632	17.713	1385629.189	1039639.570	1.641
	260	288.5647	17.903	89.2743	1.70	ESTRUCTURA	1.58	200.1871	17.902	1385629.148	1039639.119	1.630



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	261	289.1505	18.184	89.3100	1.70	ESTRUCTURA	1.58	200.4921	18.183	1385628.918	1039638.931	1.616
	262	288.5201	18.461	89.3326	1.70	ESTRUCTURA	1.58	200.1077	18.460	1385628.615	1039638.950	1.605
	263	283.2006	16.175	91.4141	1.70	ESTRUCTURA	1.58	194.5757	16.168	1385630.303	1039641.228	0.984
	264	283.1129	16.342	91.4304	1.70	ESTRUCTURA	1.58	194.4321	16.335	1385630.131	1039641.226	0.972
	265	288.5517	16.640	90.0930	1.70	ESTRUCTURA	1.58	200.1621	16.640	1385630.330	1039639.561	1.416
	266	288.4146	16.812	90.1102	1.70	ESTRUCTURA	1.58	199.9368	16.812	1385630.146	1039639.564	1.408
	267	281.5749	17.043	91.3202	1.70	ESTRUCTURA	1.58	193.2043	17.037	1385629.364	1039641.405	1.006
	268	281.3618	17.205	91.3228	1.70	ESTRUCTURA	1.58	192.8457	17.199	1385629.182	1039641.473	0.999
	269	287.4810	17.508	89.4641	1.70	ESTRUCTURA	1.58	199.0435	17.508	1385629.401	1039639.584	1.530
	270	287.3014	17.684	89.4608	1.70	ESTRUCTURA	1.58	198.7446	17.684	1385629.205	1039639.614	1.534
	271	282.1041	16.941	92.0506	1.70	ESTRUCTURA	1.58	193.4188	16.930	1385629.483	1039641.368	0.846
	272	283.1403	16.488	92.0840	1.70	ESTRUCTURA	1.58	194.4749	16.476	1385629.997	1039641.178	0.845
	273	288.3408	16.797	92.1342	1.70	ESTRUCTURA	1.58	199.8096	16.784	1385630.159	1039639.609	0.809
	274	287.4330	17.440	92.0943	1.70	ESTRUCTURA	1.58	198.9657	17.428	1385629.469	1039639.633	0.804
	275	281.5056	16.659	92.0805	1.70	ESTRUCTURA	1.58	193.0896	16.647	1385629.736	1039641.526	0.842
	276	190.5611	59.751	90.0742	1.70	ESTRUCTURA	1.58	102.1771	59.751	1385633.347	1039703.703	1.328
	277	191.5852	60.028	90.0708	1.70	ESTRUCTURA	1.58	103.2218	60.028	1385632.221	1039703.733	1.338
	278	191.1615	59.598	90.0808	1.70	ESTRUCTURA	1.58	102.5116	59.598	1385633.039	1039703.479	1.321
	279	191.4430	59.731	90.0725	1.70	ESTRUCTURA	1.58	102.9824	59.731	1385632.532	1039703.501	1.333
	280	191.1315	59.322	90.0854	1.70	ESTRUCTURA	1.58	102.4616	59.322	1385633.150	1039703.221	1.309
	281	191.5406	59.505	90.0705	1.70	ESTRUCTURA	1.58	103.1424	59.505	1385632.421	1039703.243	1.340
	282	191.2724	57.372	90.0642	1.70	ESTRUCTURA	1.58	102.6974	57.372	1385633.340	1039701.265	1.350
	283	191.4032	57.454	90.0644	1.70	ESTRUCTURA	1.58	102.9163	57.454	1385633.108	1039701.297	1.350
	284	192.1635	58.938	90.0755	1.70	ESTRUCTURA	1.58	103.5171	58.938	1385632.175	1039702.602	1.326
	285	192.0718	58.679	90.0734	1.70	ESTRUCTURA	1.58	103.3624	58.679	1385632.389	1039702.387	1.333
	286	192.1246	58.693	90.0733	1.70	ESTRUCTURA	1.58	103.4535	58.693	1385632.295	1039702.379	1.333
	287	192.1745	57.960	90.0730	1.70	ESTRUCTURA	1.58	103.5366	57.960	1385632.384	1039701.646	1.336
	288	192.2430	58.010	90.0853	1.70	ESTRUCTURA	1.58	103.6491	58.010	1385632.262	1039701.668	1.312
	289	192.3115	57.842	90.0737	1.70	ESTRUCTURA	1.58	103.7616	57.842	1385632.191	1039701.478	1.334
	290	192.2153	57.587	90.0701	1.70	ESTRUCTURA	1.58	103.6054	57.587	1385632.404	1039701.268	1.345
	291	192.3425	57.641	90.0708	1.70	ESTRUCTURA	1.58	103.8143	57.641	1385632.187	1039701.270	1.343
	292	191.5217	55.847	90.4135	1.70	ESTRUCTURA	1.58	103.1121	55.843	1385633.282	1039699.684	0.787
	293	192.0450	55.886	90.4130	1.70	ESTRUCTURA	1.58	103.3213	55.882	1385633.075	1039699.675	0.788
	294	192.5747	56.152	90.4041	1.70	ESTRUCTURA	1.58	104.2038	56.148	1385632.173	1039699.728	0.798
	295	192.4646	56.109	90.4026	1.70	ESTRUCTURA	1.58	104.0202	56.105	1385632.358	1039699.730	0.802
	296	192.2644	55.959	90.5513	1.70	ESTRUCTURA	1.58	103.6863	55.952	1385632.712	1039699.660	0.563



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	297	191.1607	59.316	90.5320	1.70	ESTRUCTURA	1.58	102.5093	59.309	1385633.104	1039703.198	0.542
	298	191.2028	59.513	90.5351	1.70	ESTRUCTURA	1.58	102.5818	59.506	1385632.988	1039703.373	0.530
	299	191.4531	59.671	90.5406	1.70	ESTRUCTURA	1.58	102.9993	59.664	1385632.530	1039703.431	0.523
	300	191.5302	59.468	90.5407	1.70	ESTRUCTURA	1.58	103.1246	59.461	1385632.449	1039703.204	0.526
	301	191.2828	59.638	90.2645	1.70	ESTRUCTURA	1.58	102.7152	59.636	1385632.824	1039703.470	0.998
	302	191.2916	59.567	90.4909	1.70	ESTRUCTURA	1.58	102.7285	59.561	1385632.827	1039703.394	0.611
	303	191.1734	60.401	90.1511	1.70	TUBO_DESC	1.58	102.5335	60.400	1385632.843	1039704.258	1.195
	304	191.0923	60.910	90.1140	1.70	TUBO_DESC	1.58	102.3971	60.910	1385632.874	1039704.786	1.255
	305	191.0239	61.302	90.1447	1.70	TUBO_DESC	1.58	102.2849	61.301	1385632.907	1039705.194	1.199
	306	190.5624	61.657	90.1844	1.70	TUBO_DESC	1.58	102.1807	61.656	1385632.941	1039705.565	1.126
	307	191.0653	61.127	90.3412	1.70	TUBO_DESC	1.58	102.3554	61.124	1385632.871	1039705.005	0.854
	308	192.2025	57.711	90.5440	1.70	ESTRUCTURA	1.58	103.5810	57.704	1385632.400	1039701.387	0.544
	309	191.4253	57.579	90.5441	1.70	ESTRUCTURA	1.58	102.9554	57.572	1385633.043	1039701.403	0.546
	310	192.1542	57.982	90.5355	1.70	ESTRUCTURA	1.58	103.5024	57.975	1385632.414	1039701.669	0.553
	311	192.0644	58.684	90.5421	1.70	ESTRUCTURA	1.58	103.3529	58.677	1385632.399	1039702.387	0.534
	312	192.1656	57.825	90.5518	1.70	ESTRUCTURA	1.58	103.5229	57.818	1385632.431	1039701.511	0.532
	313	193.1348	58.299	90.1001	1.70	CAM_INSPEC	1.58	104.4707	58.299	1385631.382	1039701.746	1.292
	314	192.4615	58.167	90.1001	1.70	CAM_INSPEC	1.58	104.0116	58.167	1385631.867	1039701.733	1.293
	315	192.3422	58.803	90.0933	1.70	CAM_INSPEC	1.58	103.8135	58.803	1385631.911	1039702.399	1.299
	316	193.0139	58.950	90.0953	1.70	CAM_INSPEC	1.58	104.2682	58.950	1385631.422	1039702.428	1.293
	317	206.2553	64.165	90.1407	1.70	ESTRUCTURA	1.58	117.6721	64.164	1385616.152	1039702.122	1.199
	318	206.5622	65.692	90.1721	1.70	ESTRUCTURA	1.58	118.1802	65.691	1385614.928	1039703.201	1.131
	319	206.4637	65.357	90.1314	1.70	CAM_INSPEC	1.58	118.0177	65.357	1385615.250	1039702.994	1.211
	320	206.2431	65.128	90.1303	1.70	CAM_INSPEC	1.58	117.6493	65.128	1385615.727	1039702.987	1.215
	321	206.3657	64.714	90.1302	1.70	CAM_INSPEC	1.58	117.8566	64.714	1385615.712	1039702.511	1.217
	322	206.5913	64.944	90.1451	1.70	CAM_INSPEC	1.58	118.2277	64.943	1385615.234	1039702.517	1.182
	323	175.0133	11.233	90.5704	1.70	LAGUNA	1.58	86.2666	11.231	1385646.682	1039656.504	1.276
	324	177.3027	11.196	92.0409	1.70	LAGUNA	1.58	88.7482	11.189	1385646.195	1039656.483	1.058
	325	247.0141	33.526	90.3040	1.70	LAGUNA	1.58	158.2688	33.525	1385614.808	1039657.709	1.163
	326	246.4136	33.004	91.1102	1.70	LAGUNA	1.58	157.9341	32.997	1385615.370	1039657.693	0.780
	327	226.5715	40.780	90.2145	1.70	LAGUNA	1.58	138.1949	40.779	1385615.553	1039672.480	1.204
	328	226.1357	40.153	90.5447	1.70	LAGUNA	1.58	137.4732	40.148	1385616.363	1039672.434	0.822
	329	176.2310	26.314	90.4456	1.70	LAGUNA	1.58	87.6268	26.312	1385647.040	1039671.586	1.118
	330	177.2325	26.286	91.1340	1.70	LAGUNA	1.58	88.6310	26.280	1385646.578	1039671.569	0.899
	331	213.3812	51.980	90.2540	1.70	LAGUNA	1.58	124.8774	51.979	1385616.228	1039687.939	1.074
	332	212.5950	51.614	90.4946	1.70	LAGUNA	1.58	124.2379	51.609	1385616.914	1039687.962	0.715



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	333	177.2648	43.381	90.4655	1.70	LAGUNA	1.58	88.6874	43.377	1385646.944	1039688.662	0.870
	334	178.1520	43.311	90.5433	1.70	LAGUNA	1.58	89.4963	43.306	1385646.331	1039688.601	0.775
	335	204.3657	59.152	90.3118	1.70	LAGUNA	1.58	115.8566	59.150	1385620.154	1039698.525	0.924
	336	204.2510	58.780	90.4721	1.70	LAGUNA	1.58	115.6602	58.774	1385620.499	1039698.275	0.653
	337	183.0801	53.400	90.4149	1.70	LAGUNA	1.58	94.3743	53.396	1385641.878	1039698.537	0.813
	338	184.0027	53.172	90.5452	1.70	LAGUNA	1.58	95.2482	53.165	1385641.087	1039698.239	0.614
	339	204.3023	59.152	90.3115	1.70	LAGUNA	1.58	115.7471	59.150	1385620.256	1039698.574	0.924
	340	204.2436	58.681	90.4916	1.70	LAGUNA	1.58	115.6507	58.675	1385620.551	1039698.189	0.621
ELAGY06-ELAG1	ELAG1	0.0000	62.005	90.0349	1.70	ESTACION	1.58	119.7654	61.998	1385615.171	1039699.115	1.770
	341	235.4535	12.697	90.5251	1.70	BORDLAGUNA	1.58	175.5252	12.695	1385602.515	1039700.106	1.451
	342	235.1627	9.594	91.2310	1.70	BORDLAGUNA	1.58	175.0396	9.591	1385605.616	1039699.944	1.414
	343	240.1045	6.434	92.5650	1.70	BORDLAGUNA	1.58	179.9446	6.425	1385608.746	1039699.121	1.315
	344	257.0815	4.567	93.3845	1.70	BORDLAGUNA	1.58	196.9029	4.558	1385610.811	1039697.790	1.356
	345	284.1929	4.353	96.1705	1.70	BORDLAGUNA	1.58	224.0902	4.327	1385612.064	1039696.104	1.169
	346	308.0133	5.057	91.1817	1.70	BORDLAGUNA	1.58	247.7913	5.056	1385613.260	1039694.434	1.531
	347	317.2950	6.682	91.0209	1.70	BORDLAGUNA	1.58	257.2627	6.681	1385613.698	1039692.599	1.525
	348	320.1554	9.476	91.2336	1.70	BORDLAGUNA	1.58	260.0304	9.473	1385613.531	1039689.785	1.416
	349	322.4437	14.345	90.4334	1.70	BORDLAGUNA	1.58	262.5091	14.344	1385613.301	1039684.894	1.464
	350	323.1844	18.058	90.4403	1.70	BORDLAGUNA	1.58	263.0777	18.057	1385612.995	1039681.190	1.415
	351	323.4900	20.500	90.3010	1.70	BORDLAGUNA	1.58	263.5821	20.499	1385612.880	1039678.744	1.466
	352	323.5521	23.762	90.4238	1.70	BORDLAGUNA	1.58	263.6879	23.760	1385612.559	1039675.499	1.351
	353	324.0941	26.331	90.3030	1.70	BORDLAGUNA	1.58	263.9268	26.330	1385612.386	1039672.933	1.412
	354	324.2301	30.824	90.2236	1.70	BORDLAGUNA	1.58	264.1491	30.823	1385612.029	1039668.452	1.443
	355	323.5454	33.699	90.1618	1.70	BORDLAGUNA	1.58	263.6804	33.699	1385611.462	1039665.621	1.486
	356	320.1812	36.638	90.0540	1.70	BORDLAGUNA	1.58	260.0688	36.638	1385608.853	1039663.026	1.586
	357	317.4011	37.573	90.1137	1.70	BORDLAGUNA	1.58	257.4352	37.573	1385606.998	1039662.442	1.519
	358	313.2549	38.674	90.1034	1.70	BORDLAGUNA	1.58	253.1957	38.674	1385603.991	1039662.093	1.527
	359	310.2430	39.339	90.1442	1.70	BORDLAGUNA	1.58	250.1738	39.339	1385601.829	1039662.108	1.478
	360	327.5350	39.522	89.4534	1.70	CAM_INSPEC	1.58	267.6627	39.522	1385613.560	1039659.626	1.812
	361	327.1249	39.526	89.4534	1.70	CAM_INSPEC	1.58	266.9791	39.526	1385613.088	1039659.644	1.812
	362	327.1131	40.003	89.4541	1.70	CAM_INSPEC	1.58	266.9574	40.003	1385613.048	1039659.169	1.813
	363	327.5321	40.016	89.4400	1.70	CAM_INSPEC	1.58	267.6546	40.016	1385613.534	1039659.133	1.832
	364	328.0306	59.545	89.5408	1.70	ESTRUCTURA	1.58	267.8171	59.545	1385612.903	1039639.613	1.748
	365	328.0252	60.639	89.5314	1.70	ESTRUCTURA	1.58	267.8132	60.639	1385612.858	1039638.520	1.765
	366	327.5423	59.114	89.5236	1.70	CAM_INSPEC	1.58	267.6718	59.114	1385612.770	1039640.050	1.773
	367	327.0939	59.116	89.5244	1.70	CAM_INSPEC	1.58	266.9263	59.116	1385612.002	1039640.084	1.771



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	368	327.5352	59.599	89.5328	1.70	CAM_INSPEC	1.58	267.6632	59.599	1385612.741	1039639.566	1.759
	369	327.0923	59.595	89.5428	1.70	CAM_INSPEC	1.58	266.9218	59.595	1385611.971	1039639.606	1.742
	370	327.5231	60.642	89.5142	1.70	CAM_INSPEC	1.58	267.6407	60.642	1385612.675	1039638.525	1.792
	371	327.0940	60.658	89.4920	1.70	CAM_INSPEC	1.58	266.9266	60.658	1385611.919	1039638.545	1.834
	372	327.1154	61.130	89.5003	1.70	CAM_INSPEC	1.58	266.9638	61.130	1385611.934	1039638.071	1.823
	373	327.5446	61.117	89.5057	1.70	CAM_INSPEC	1.58	267.6782	61.117	1385612.696	1039638.048	1.807
	374	328.4108	18.823	89.2859	1.70	ESTRUCTURA	1.58	268.4510	18.822	1385614.663	1039680.300	1.816
	375	328.4029	19.559	89.3119	1.70	ESTRUCTURA	1.58	268.4402	19.558	1385614.639	1039679.564	1.809
	376	326.0251	19.613	89.2930	1.70	ESTRUCTURA	1.58	265.8129	19.612	1385613.739	1039679.555	1.820
	377	325.5653	18.852	89.2926	1.70	ESTRUCTURA	1.58	265.7135	18.851	1385613.762	1039680.317	1.814
	378	325.5231	19.579	90.0227	1.70	ESTRUCTURA	1.58	265.6407	19.579	1385613.683	1039679.593	1.632
	379	325.5557	19.757	90.0042	1.70	ESTRUCTURA	1.58	265.6979	19.757	1385613.689	1039679.414	1.642
	380	325.4949	18.684	90.0240	1.70	ESTRUCTURA	1.58	265.5957	18.684	1385613.737	1039680.486	1.632
	381	325.5220	18.853	90.0314	1.70	ESTRUCTURA	1.58	265.6377	18.853	1385613.737	1039680.317	1.628
	382	325.5240	18.683	90.0049	1.70	ESTRUCTURA	1.58	265.6432	18.683	1385613.752	1039680.486	1.642
	383	320.2911	19.714	91.4139	1.70	ESTRUCTURA	1.58	260.2518	19.705	1385611.835	1039679.694	1.063
	384	320.3114	19.893	91.4027	1.70	ESTRUCTURA	1.58	260.2860	19.885	1385611.816	1039679.516	1.065
	385	320.3051	19.023	91.4541	1.70	ESTRUCTURA	1.58	260.2796	19.014	1385611.961	1039680.374	1.061
	386	320.2205	18.840	91.3905	1.70	ESTRUCTURA	1.58	260.1335	18.832	1385611.944	1039680.561	1.103
	387	320.4528	19.676	92.0349	1.70	ESTRUCTURA	1.58	260.5232	19.663	1385611.934	1039679.720	0.937
	388	320.3128	19.130	92.0904	1.70	ESTRUCTURA	1.58	260.2899	19.117	1385611.947	1039680.272	0.928
	389	328.3301	18.883	92.1046	1.70	ESTRUCTURA	1.58	268.3157	18.869	1385614.617	1039680.254	0.928
	390	328.3201	19.531	92.0635	1.70	ESTRUCTURA	1.58	268.2991	19.518	1385614.592	1039679.606	0.927
	391	326.0131	19.566	92.0601	1.70	ESTRUCTURA	1.58	265.7907	19.553	1385613.736	1039679.615	0.929
	392	325.4524	18.916	92.0913	1.70	ESTRUCTURA	1.58	265.5221	18.903	1385613.696	1039680.270	0.935
	393	326.3910	18.913	92.1015	1.70	ESTRUCTURA	1.58	266.4182	18.899	1385613.991	1039680.253	0.930
	394	326.3034	19.547	92.0500	1.70	ESTRUCTURA	1.58	266.2749	19.534	1385613.902	1039679.622	0.935
	395	238.0451	76.671	89.3220	2.60	BORDLAGUNA	1.58	177.8463	76.669	1385538.557	1039701.996	1.363
	396	239.0506	79.123	89.2833	2.60	BORDLAGUNA	1.58	178.8504	79.120	1385536.068	1039700.702	1.470
	397	240.1258	80.316	89.2729	2.60	BORDLAGUNA	1.58	179.9816	80.312	1385534.859	1039699.141	1.506
	398	241.3509	81.147	89.3056	2.60	BORDLAGUNA	1.58	181.3513	81.144	1385534.050	1039697.202	1.432
	399	242.4803	81.393	90.1159	1.70	BORDLAGUNA	1.58	182.5663	81.393	1385533.861	1039695.471	1.362
	400	243.3826	81.505	90.1433	1.70	BORDLAGUNA	1.58	183.4060	81.504	1385533.811	1039694.273	1.301
	401	249.3128	83.223	90.0533	1.70	BORDLAGUNA	1.58	189.2899	83.223	1385533.040	1039685.680	1.512
	402	252.2646	84.390	90.1400	1.70	BORDLAGUNA	1.58	192.2116	84.389	1385532.692	1039681.265	1.302
	403	264.3738	84.237	89.2652	2.60	BORDLAGUNA	1.58	204.3927	84.233	1385538.457	1039664.328	1.558



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	404	264.1407	83.768	89.4658	2.60	BORDLAGUNA	1.58	204.0007	83.767	1385538.647	1039665.043	1.064
	405	263.0221	87.088	89.5909	1.70	BORDLAGUNA	1.58	202.8046	87.088	1385534.891	1039665.361	1.668
	406	261.3152	87.991	90.0006	1.70	BORDLAGUNA	1.58	201.2966	87.991	1385533.189	1039667.157	1.643
	407	259.2547	88.257	90.0217	1.70	BORDLAGUNA	1.58	199.1952	88.257	1385531.821	1039670.097	1.587
	408	257.4233	87.207	90.0608	1.70	BORDLAGUNA	1.58	197.4746	87.207	1385531.989	1039672.928	1.490
	409	264.2714	84.294	89.3118	2.60	LAGUNA	1.58	204.2193	84.291	1385538.300	1039664.536	1.450
	410	263.5738	83.852	89.5852	2.60	LAGUNA	1.58	203.7260	83.852	1385538.407	1039665.376	0.774
	411	237.5747	76.435	89.2846	2.60	LAGUNA	1.58	177.7285	76.432	1385538.800	1039702.144	1.440
	412	238.3831	76.618	89.4023	2.60	LAGUNA	1.58	178.4074	76.617	1385538.584	1039701.244	1.183
	413	269.4411	70.834	89.3913	2.10	LAGUNA	1.58	209.5018	70.833	1385553.523	1039664.233	1.674
	414	268.5817	70.918	90.1142	2.10	LAGUNA	1.58	208.7368	70.918	1385552.988	1039665.019	1.005
	415	236.2727	59.585	88.5647	2.60	LAGUNA	1.58	176.2229	59.575	1385555.726	1039703.040	1.842
	416	237.4112	59.340	89.3812	2.60	LAGUNA	1.58	177.4521	59.339	1385555.891	1039701.753	1.122
	417	280.4908	53.738	90.3009	1.70	LAGUNA	1.58	220.5843	53.736	1385574.362	1039664.156	1.175
	418	280.3756	53.232	90.5946	1.70	LAGUNA	1.58	220.3977	53.224	1385574.638	1039664.621	0.721
	419	236.4308	39.304	89.4204	1.70	LAGUNA	1.58	176.4843	39.303	1385575.942	1039701.525	1.851
	420	238.0357	39.157	90.4832	1.70	LAGUNA	1.58	177.8313	39.153	1385576.046	1039700.597	1.093
	421	236.2120	26.089	90.1805	1.70	LAGUNA	1.58	176.1210	26.089	1385589.143	1039700.880	1.509
	422	237.3202	26.101	91.1501	1.70	LAGUNA	1.58	177.2993	26.095	1385589.106	1039700.345	1.076
	423	292.5449	45.855	90.1422	1.70	LAGUNA	1.58	232.6791	45.855	1385587.371	1039662.649	1.454
	424	292.3129	45.289	90.4317	1.70	LAGUNA	1.58	232.2902	45.285	1385587.472	1039663.289	1.076
	425	237.4930	6.453	90.3255	1.70	LAGUNA	1.58	177.5904	6.453	1385608.724	1039699.386	1.584
	426	244.5447	6.746	94.0003	1.70	LAGUNA	1.58	184.6785	6.730	1385608.464	1039698.566	1.175
	427	315.5217	38.062	90.1913	1.70	LAGUNA	1.58	255.6368	38.061	1385605.730	1039662.243	1.433
	428	315.1003	37.182	90.5657	1.70	LAGUNA	1.58	254.9329	37.177	1385605.507	1039663.216	1.030
ELAGY05-ELAGY06	ELAGY06	0.0000	49.474	89.5516	1.70	ESTACION	1.59	267.4132	49.472	1385612.939	1039649.694	1.819
	429	6.5822	59.735	89.4312	1.70	PARAMENTO	1.59	94.3860	59.734	1385608.370	1039709.253	2.001
	430	7.4238	55.395	89.4226	1.70	PARAMENTO	1.59	95.1238	55.394	1385607.992	1039704.867	1.992
	431	15.4332	57.328	89.4531	1.70	PARAMENTO	1.59	103.1388	57.327	1385599.908	1039705.521	1.950
	432	7.0951	54.359	89.4256	1.70	ANDEN	1.59	94.5774	54.358	1385608.601	1039703.879	1.979
	433	6.1300	60.279	89.4341	1.70	ANDEN	1.59	93.6299	60.278	1385609.122	1039709.851	1.995
	434	16.3249	56.688	89.4628	1.70	ANDEN	1.59	103.9602	56.688	1385599.263	1039704.707	1.932
	435	181.1946	10.257	89.3818	1.70	ESTRUCTURA	1.59	268.7427	10.257	1385612.714	1039639.439	1.774
	436	181.1333	10.972	89.4044	1.70	ESTRUCTURA	1.59	268.6391	10.972	1385612.678	1039638.725	1.770
	437	176.4433	11.007	89.3538	1.70	ESTRUCTURA	1.59	264.1557	11.007	1385611.818	1039638.744	1.787
	438	176.1556	10.272	89.3503	1.70	ESTRUCTURA	1.59	263.6788	10.272	1385611.808	1039639.484	1.783



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	439	176.0220	10.115	90.3849	1.70	ESTRUCTURA	1.59	263.4521	10.114	1385611.785	1039639.645	1.595
	440	176.0849	10.268	90.3949	1.70	ESTRUCTURA	1.59	263.5602	10.267	1385611.787	1039639.491	1.590
	441	176.2600	10.990	90.3156	1.70	ESTRUCTURA	1.59	263.8466	10.990	1385611.761	1039638.768	1.607
	442	176.1852	11.156	90.3314	1.70	ESTRUCTURA	1.59	263.7277	11.155	1385611.720	1039638.605	1.601
	443	168.0630	10.307	93.1326	1.70	ESTRUCTURA	1.59	255.5216	10.291	1385610.366	1039639.730	1.129
	444	168.1650	10.479	93.1142	1.70	ESTRUCTURA	1.59	255.6938	10.463	1385610.353	1039639.555	1.125
	445	168.4451	11.206	93.0240	1.70	ESTRUCTURA	1.59	256.1607	11.190	1385610.262	1039638.828	1.114
	446	168.4218	11.373	93.0829	1.70	ESTRUCTURA	1.59	256.1182	11.356	1385610.214	1039638.669	1.086
	447	169.0534	11.166	94.1734	1.70	ESTRUCTURA	1.59	256.5060	11.135	1385610.340	1039638.866	0.873
	448	168.1952	10.540	94.3022	1.70	ESTRUCTURA	1.59	255.7443	10.507	1385610.351	1039639.510	0.881
	449	181.1420	10.953	94.2504	1.70	ESTRUCTURA	1.59	268.6521	10.920	1385612.682	1039638.776	0.865
	450	181.1948	10.296	94.3810	1.70	ESTRUCTURA	1.59	268.7432	10.262	1385612.714	1039639.434	0.877
	451	177.4533	10.984	94.2125	1.70	ESTRUCTURA	1.59	265.1724	10.952	1385612.017	1039638.780	0.874
	452	177.3932	10.332	94.3546	1.70	ESTRUCTURA	1.59	265.0721	10.299	1385612.054	1039639.433	0.881
	453	176.1014	10.964	94.2044	1.70	ESTRUCTURA	1.59	263.5838	10.932	1385611.717	1039638.830	0.878
	454	176.1311	10.330	94.3537	1.70	ESTRUCTURA	1.59	263.6329	10.297	1385611.797	1039639.460	0.882
	455	178.3827	30.181	89.5518	1.70	ESTRUCTURA	1.59	266.0541	30.181	1385610.862	1039619.584	1.750
	456	180.3910	30.167	89.5648	1.70	ESTRUCTURA	1.59	268.0660	30.167	1385611.921	1039619.544	1.737
	457	58.4052	16.689	90.4757	1.70	BORDLAGUNA	1.59	146.0943	16.687	1385599.089	1039659.002	1.476
	458	48.0101	12.801	91.0646	1.70	BORDLAGUNA	1.59	135.4302	12.799	1385603.821	1039658.675	1.460
	459	36.1032	10.027	92.4446	1.70	BORDLAGUNA	1.59	123.5888	10.015	1385607.398	1039658.037	1.228
	460	28.5655	8.652	92.2736	1.70	BORDLAGUNA	1.59	116.3618	8.644	1385609.100	1039657.439	1.337
	461	25.0734	6.906	93.1157	1.70	BORDLAGUNA	1.59	112.5393	6.895	1385610.296	1039656.062	1.323
	462	23.0344	5.253	95.0741	1.70	BORDLAGUNA	1.59	110.4754	5.232	1385611.108	1039654.595	1.239
	463	30.0246	3.026	98.2748	1.70	BORDLAGUNA	1.59	117.4593	2.993	1385611.559	1039652.350	1.263
	464	79.4737	1.196	105.4335	1.70	BORDLAGUNA	1.59	167.2068	1.151	1385611.816	1039649.949	1.385
	465	165.1340	3.994	93.5513	1.70	BORDLAGUNA	1.59	252.6410	3.985	1385611.750	1039645.891	1.436
	466	173.4322	9.477	91.2846	1.70	BORDLAGUNA	1.59	261.1360	9.474	1385611.479	1039640.333	1.464
	467	176.1810	14.888	91.1806	1.70	BORDLAGUNA	1.59	263.7160	14.884	1385611.309	1039634.899	1.371
	468	176.2348	19.142	91.1336	1.70	BORDLAGUNA	1.59	263.8099	19.138	1385610.875	1039630.668	1.299
	469	176.2350	23.585	91.1210	1.70	BORDLAGUNA	1.59	263.8104	23.580	1385610.396	1039626.251	1.214
	470	175.2212	25.080	91.0021	1.70	BORDLAGUNA	1.59	262.7832	25.076	1385609.789	1039624.816	1.269
	471	173.2942	26.592	90.5200	1.70	BORDLAGUNA	1.59	260.9082	26.589	1385608.737	1039623.439	1.307
	472	171.5941	27.711	90.4409	1.70	BORDLAGUNA	1.59	259.4079	27.709	1385607.845	1039622.457	1.353
	473	169.3744	28.992	90.5809	1.70	BORDLAGUNA	1.59	257.0421	28.988	1385606.439	1039621.444	1.218
	474	167.2409	29.841	90.3842	1.70	BORDLAGUNA	1.59	254.8157	29.839	1385605.123	1039620.896	1.373



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	475	158.0520	31.950	90.2818	1.70	BORDLAGUNA	1.59	245.5021	31.949	1385599.691	1039620.621	1.446
	476	84.1232	76.974	90.0906	2.00	BORDLAGUNA	1.59	171.6221	76.974	1385536.786	1039660.909	1.205
	477	84.5443	78.361	90.0808	2.00	BORDLAGUNA	1.59	172.3252	78.361	1385535.280	1039660.159	1.223
	478	85.4408	79.269	90.1405	2.00	BORDLAGUNA	1.59	173.1488	79.268	1385534.236	1039659.150	1.084
	479	86.2644	79.829	90.1521	2.00	BORDLAGUNA	1.59	173.8588	79.828	1385533.569	1039658.234	1.052
	480	87.1059	80.410	90.1353	2.00	BORDLAGUNA	1.59	174.5963	80.409	1385532.887	1039657.266	1.084
	481	88.3534	81.111	90.1323	2.00	BORDLAGUNA	1.59	176.0060	81.110	1385532.025	1039655.343	1.093
	482	90.5900	81.591	90.0841	2.00	BORDLAGUNA	1.59	178.3966	81.591	1385531.380	1039651.977	1.203
	483	93.0439	81.700	90.0314	2.00	BORDLAGUNA	1.59	180.4907	81.700	1385531.242	1039648.994	1.332
	484	96.3106	81.980	90.0354	2.00	BORDLAGUNA	1.59	183.9316	81.980	1385531.152	1039644.073	1.316
	485	103.2306	84.013	90.0136	2.00	BORDLAGUNA	1.59	190.7982	84.013	1385530.413	1039633.954	1.370
	486	106.3814	84.951	89.5851	2.00	BORDLAGUNA	1.59	194.0504	84.951	1385530.529	1039629.070	1.437
	487	107.4940	84.162	90.1749	1.70	BORDLAGUNA	1.59	195.2410	84.161	1385531.738	1039627.570	1.273
	488	108.4134	83.801	90.2208	1.70	BORDLAGUNA	1.59	196.1060	83.799	1385532.429	1039626.447	1.169
	489	109.1954	83.326	90.2218	1.70	BORDLAGUNA	1.59	196.7449	83.324	1385533.148	1039625.687	1.168
	490	110.2328	82.112	90.2340	1.70	BORDLAGUNA	1.59	197.8043	82.110	1385534.761	1039624.587	1.144
	491	111.1039	80.905	90.2036	1.70	BORDLAGUNA	1.59	198.5907	80.904	1385536.257	1039623.901	1.224
	492	111.5118	79.547	90.1454	1.70	BORDLAGUNA	1.59	199.2682	79.546	1385537.848	1039623.444	1.364
	493	113.0351	76.173	89.3812	2.60	BORDLAGUNA	1.59	200.4774	76.171	1385541.580	1039623.046	1.292
	494	84.1656	78.703	89.2628	2.60	LAGUNA	1.59	171.6954	78.699	1385535.065	1039661.061	1.577
	495	85.0550	77.924	89.5303	2.60	LAGUNA	1.59	172.5104	77.924	1385535.680	1039659.851	0.966
	496	111.5610	81.379	89.2618	2.60	LAGUNA	1.59	199.3493	81.375	1385536.160	1039622.732	1.607
	497	111.0435	80.813	89.5018	2.60	LAGUNA	1.59	198.4896	80.813	1385536.297	1039624.065	1.037
	498	78.5038	45.285	89.0128	2.60	LAGUNA	1.59	166.2571	45.278	1385568.956	1039660.450	1.580
	499	80.0142	44.929	89.3749	2.60	LAGUNA	1.59	167.4416	44.928	1385569.086	1039659.463	1.099
	500	124.0823	53.561	89.1510	2.60	LAGUNA	1.59	211.5529	53.556	1385567.300	1039621.668	1.507
	501	123.1758	52.837	89.4302	2.60	LAGUNA	1.59	210.7127	52.836	1385567.513	1039622.708	1.070
	502	75.2659	35.141	88.4840	2.60	LAGUNA	1.59	162.8629	35.133	1385579.365	1039660.046	1.538
	503	77.2328	34.743	89.4422	2.60	LAGUNA	1.59	164.8043	34.743	1385579.411	1039658.800	0.967
	504	132.1216	45.099	89.1538	2.60	LAGUNA	1.59	219.6177	45.095	1385578.201	1039620.938	1.391
	505	131.2431	44.676	89.4243	2.60	LAGUNA	1.59	218.8218	44.675	1385578.132	1039621.687	1.033
	506	62.4035	18.726	88.1044	2.60	LAGUNA	1.59	150.0896	18.717	1385596.715	1039659.027	1.404
	507	64.5451	18.100	89.0615	2.60	LAGUNA	1.59	152.3274	18.098	1385596.911	1039658.099	1.092
	508	39.1045	11.136	86.2157	2.60	LAGUNA	1.59	126.5924	11.114	1385606.314	1039658.617	1.515
	509	42.1758	10.913	88.4502	2.60	LAGUNA	1.59	129.7127	10.910	1385605.968	1039658.087	1.047
	510	160.1400	32.325	88.3057	2.60	LAGUNA	1.59	247.6466	32.314	1385600.649	1039619.808	1.646



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	511	158.4558	30.815	90.0648	2.60	LAGUNA	1.59	246.1793	30.815	1385600.493	1039621.504	0.748
	512	169.2224	29.642	88.3153	2.60	LAGUNA	1.59	256.7866	29.632	1385606.165	1039620.846	1.569
	513	168.0500	28.768	89.3506	2.60	LAGUNA	1.59	255.4966	28.767	1385605.734	1039621.843	1.017
ELAG3-ELAG2	ELAG2	0.0000	29.075	89.4116	1.70	ESTACION	1.55	267.4663	29.071	1385530.333	1039652.628	1.815
	514	177.0150	9.163	89.0513	1.70	ESTRUCTURA	1.55	264.4968	9.162	1385529.454	1039643.509	1.811
	515	177.0616	9.882	89.1424	1.70	ESTRUCTURA	1.55	264.5707	9.881	1385529.398	1039642.791	1.796
	516	182.4055	9.131	89.0240	1.70	ESTRUCTURA	1.55	270.1482	9.130	1385530.357	1039643.498	1.817
	517	182.2630	9.864	89.0457	1.70	ESTRUCTURA	1.55	269.9079	9.863	1385530.317	1039642.765	1.823
	518	182.5630	8.937	90.1105	1.70	ESTRUCTURA	1.55	270.4079	8.937	1385530.397	1039643.691	1.636
	519	183.0816	9.063	90.1151	1.70	ESTRUCTURA	1.55	270.6041	9.063	1385530.429	1039643.566	1.633
	520	182.3236	10.056	90.0815	1.70	ESTRUCTURA	1.55	270.0096	10.056	1385530.335	1039642.572	1.640
	521	182.3818	9.854	90.1058	1.70	ESTRUCTURA	1.55	270.1046	9.854	1385530.351	1039642.774	1.633
	522	191.4948	9.352	93.1130	1.70	ESTRUCTURA	1.55	279.2963	9.337	1385531.841	1039643.413	1.144
	523	192.1227	9.161	93.1440	1.70	ESTRUCTURA	1.55	279.6738	9.146	1385531.870	1039643.612	1.146
	524	190.3911	10.039	93.0313	1.70	ESTRUCTURA	1.55	278.1193	10.025	1385531.749	1039642.704	1.130
	525	190.5826	10.235	93.0005	1.70	ESTRUCTURA	1.55	278.4402	10.221	1385531.833	1039642.518	1.129
	526	191.0848	10.044	94.1646	1.70	ESTRUCTURA	1.55	278.6129	10.016	1385531.833	1039642.725	0.915
	527	191.4325	9.363	94.3408	1.70	ESTRUCTURA	1.55	279.1899	9.333	1385531.824	1039643.415	0.919
	528	182.4730	9.186	94.4449	1.70	ESTRUCTURA	1.55	270.2579	9.154	1385530.374	1039643.474	0.904
	529	182.2833	9.841	94.2449	1.70	ESTRUCTURA	1.55	269.9421	9.812	1385530.323	1039642.816	0.907
	530	181.2852	9.178	94.4253	1.70	ESTRUCTURA	1.55	268.9474	9.147	1385530.165	1039643.483	0.910
	531	180.5341	9.846	94.2400	1.70	ESTRUCTURA	1.55	268.3610	9.817	1385530.052	1039642.815	0.909
	532	177.0910	9.231	94.4258	1.70	ESTRUCTURA	1.55	264.6191	9.200	1385529.470	1039643.469	0.906
	533	177.1908	9.884	94.2058	1.70	ESTRUCTURA	1.55	264.7852	9.856	1385529.437	1039642.813	0.915
	534	177.2215	10.477	89.0541	1.70	CAM_INSPEC	1.55	264.8371	10.476	1385529.390	1039642.195	1.830
	535	177.3123	10.949	89.0732	1.70	CAM_INSPEC	1.55	264.9893	10.948	1385529.377	1039641.722	1.832
	536	181.0218	10.962	89.0601	1.70	CAM_INSPEC	1.55	268.5046	10.961	1385530.047	1039641.671	1.837
	537	181.0716	10.466	89.0413	1.70	CAM_INSPEC	1.55	268.5874	10.465	1385530.075	1039642.167	1.834
	538	178.5708	29.693	89.5013	1.70	CAM_INSPEC	1.55	266.4185	29.693	1385528.478	1039622.993	1.749
	539	179.5524	29.676	89.5100	1.70	CAM_INSPEC	1.55	267.3896	29.676	1385528.982	1039622.983	1.742
	540	178.5846	30.189	89.5101	1.70	CAM_INSPEC	1.55	266.4457	30.189	1385528.462	1039622.497	1.743
	541	179.5549	30.145	89.5204	1.70	CAM_INSPEC	1.55	267.3966	30.145	1385528.964	1039622.514	1.734
	542	178.2902	29.200	89.4952	1.70	ESTRUCTURA	1.55	265.9502	29.200	1385528.271	1039623.501	1.751
	543	178.2319	29.306	89.4933	1.70	ESTRUCTURA	1.55	265.8549	29.306	1385528.215	1039623.399	1.754
	544	178.0016	29.440	89.5021	1.70	ESTRUCTURA	1.55	265.4707	29.440	1385528.008	1039623.280	1.747
	545	177.2716	29.474	89.4931	1.70	ESTRUCTURA	1.55	264.9207	29.474	1385527.724	1039623.270	1.754



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	546	180.4549	29.899	90.0444	1.70	ESTRUCTURA	1.55	268.2299	29.899	1385529.410	1039622.743	1.623
	547	180.2700	30.293	89.5144	1.70	ESTRUCTURA	1.55	267.9163	30.293	1385529.232	1039622.355	1.737
	548	179.3955	30.495	89.5134	1.70	ESTRUCTURA	1.55	267.1316	30.495	1385528.807	1039622.171	1.739
	549	178.2003	30.531	89.5102	1.70	ESTRUCTURA	1.55	265.8004	30.531	1385528.097	1039622.179	1.744
	550	172.3319	10.128	91.5423	1.70	BORDLAGUNA	1.55	260.0216	10.122	1385528.579	1039642.659	1.328
	551	173.4419	21.228	90.4526	1.70	BORDLAGUNA	1.55	261.2049	21.226	1385527.088	1039631.652	1.384
	552	172.2913	24.306	90.4515	1.70	BORDLAGUNA	1.55	259.9532	24.304	1385526.093	1039628.697	1.345
	553	169.1613	26.931	90.4820	1.70	BORDLAGUNA	1.55	256.7366	26.928	1385524.155	1039626.418	1.286
	554	163.4823	29.164	90.4007	1.70	BORDLAGUNA	1.55	251.2727	29.162	1385520.970	1039625.010	1.324
	555	159.2139	30.430	90.3533	1.70	BORDLAGUNA	1.55	246.8271	30.428	1385518.359	1039624.655	1.350
	556	155.3249	31.712	90.3357	1.70	BORDLAGUNA	1.55	243.0132	31.710	1385515.943	1039624.371	1.351
	557	170.3344	7.394	92.2623	1.70	BORDLAGUNA	1.55	258.0285	7.387	1385528.801	1039645.402	1.350
	558	157.3443	2.398	100.2050	1.70	BORDLAGUNA	1.55	245.0449	2.359	1385529.338	1039650.489	1.234
	559	19.3827	3.323	97.1936	1.70	BORDLAGUNA	1.55	107.1071	3.296	1385529.364	1039655.778	1.241
	560	21.4308	5.750	93.4441	1.70	BORDLAGUNA	1.55	109.1852	5.738	1385528.448	1039658.047	1.289
	561	27.0314	7.427	93.2438	1.70	BORDLAGUNA	1.55	114.5202	7.414	1385527.256	1039659.373	1.223
	562	31.2151	8.791	92.2654	1.70	BORDLAGUNA	1.55	118.8304	8.783	1385526.098	1039660.322	1.289
	563	37.1133	10.486	92.0806	1.70	BORDLAGUNA	1.55	124.6588	10.479	1385524.374	1039661.247	1.274
	564	42.2205	11.965	92.1111	1.70	BORDLAGUNA	1.55	129.8343	11.956	1385522.674	1039661.809	1.208
	565	51.0923	14.731	91.2638	1.70	BORDLAGUNA	1.55	138.6227	14.726	1385519.283	1039662.362	1.293
	566	57.4110	14.977	90.1820	1.70	ESTRUCTURA	1.55	145.1524	14.977	1385518.042	1039661.186	1.585
	567	59.4420	15.865	90.1417	1.70	ESTRUCTURA	1.55	147.2052	15.865	1385516.997	1039661.221	1.599
	568	58.1714	15.149	93.4401	1.70	ESTRUCTURA	1.55	145.7535	15.117	1385517.837	1039661.135	0.678
	569	59.2707	15.696	93.3333	1.70	ESTRUCTURA	1.55	146.9182	15.666	1385517.207	1039661.179	0.690
	570	57.3848	14.947	93.1441	1.70	ESTRUCTURA	1.55	145.1129	14.923	1385518.092	1039661.164	0.819
	571	59.4947	15.960	92.5933	1.70	ESTRUCTURA	1.55	147.2960	15.938	1385516.921	1039661.240	0.831
	572	42.5455	18.638	90.2310	1.70	ESTRUCTURA	1.55	130.3816	18.638	1385518.258	1039666.825	1.539
	573	45.0707	19.371	90.2103	1.70	ESTRUCTURA	1.55	132.5849	19.371	1385517.225	1039666.890	1.546
	574	42.4820	18.634	91.3335	2.20	ESTRUCTURA	1.55	130.2718	18.627	1385518.292	1039666.840	0.657
	575	43.1217	18.801	91.3645	2.20	ESTRUCTURA	1.55	130.6710	18.794	1385518.085	1039666.882	0.636
	576	44.4237	19.310	91.3410	2.20	ESTRUCTURA	1.55	132.1766	19.303	1385517.373	1039666.933	0.636
	577	45.0442	19.426	91.2058	2.20	ESTRUCTURA	1.55	132.5446	19.421	1385517.202	1039666.936	0.707
	578	45.2846	13.441	90.4446	1.70	LAGUNA	1.55	132.9457	13.440	1385521.176	1039662.466	1.490
	579	49.1843	12.808	93.4333	1.70	LAGUNA	1.55	136.7782	12.781	1385521.020	1039661.381	0.832
	580	160.3630	29.551	91.2846	1.70	LAGUNA	1.55	248.0746	29.541	1385519.302	1039625.224	0.902
	581	160.2307	29.146	91.5807	1.70	LAGUNA	1.55	247.8516	29.129	1385519.351	1039625.649	0.663



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	582	73.1912	32.918	86.3857	4.00	LAGUNA	1.55	160.7863	32.862	1385499.302	1039663.443	1.289
	583	74.3054	32.542	87.3822	4.00	LAGUNA	1.55	161.9813	32.514	1385499.413	1039662.686	0.705
	584	127.5249	46.085	90.5402	1.70	LAGUNA	1.55	215.3466	46.079	1385492.748	1039625.970	0.940
	585	127.2133	45.848	91.2202	1.70	LAGUNA	1.55	214.8254	45.835	1385492.707	1039626.453	0.571
	586	80.5925	61.207	87.0038	5.00	LAGUNA	1.55	168.4566	61.124	1385470.446	1039664.860	1.557
	587	81.5547	60.992	87.4337	5.00	LAGUNA	1.55	169.3960	60.944	1385470.430	1039663.843	0.784
	588	114.0952	68.661	90.3820	1.70	LAGUNA	1.55	201.6307	68.657	1385466.511	1039627.320	0.899
	589	113.4306	68.459	90.4816	1.70	LAGUNA	1.55	201.1846	68.452	1385466.507	1039627.891	0.703
	590	115.4211	66.642	89.5942	1.70	ESTRUCTURA	1.55	203.1693	66.642	1385469.066	1039626.408	1.670
	591	115.1845	67.572	89.5935	1.70	ESTRUCTURA	1.55	202.7788	67.572	1385468.031	1039626.466	1.673
	592	115.2210	67.371	90.0935	1.70	ESTRUCTURA	1.55	202.8357	67.371	1385468.243	1039626.482	1.477
	593	115.1742	67.550	90.0926	1.70	ESTRUCTURA	1.55	202.7613	67.550	1385468.044	1039626.494	1.479
	594	115.4203	66.607	90.1004	1.70	ESTRUCTURA	1.55	203.1671	66.607	1385469.097	1039626.424	1.470
	595	115.3738	66.758	90.0956	1.70	ESTRUCTURA	1.55	203.0935	66.758	1385468.925	1039626.444	1.472
	596	115.2013	67.319	90.4637	1.70	ESTRUCTURA	1.55	202.8032	67.313	1385468.281	1039626.540	0.752
	597	115.3712	66.741	90.4658	1.70	ESTRUCTURA	1.55	203.0863	66.735	1385468.943	1039626.460	0.753
	598	114.0320	66.631	90.4552	1.70	ESTRUCTURA	1.55	201.5218	66.625	1385468.353	1039628.186	0.776
	599	114.1815	65.884	90.4634	1.70	ESTRUCTURA	1.55	201.7704	65.878	1385469.154	1039628.195	0.772
	600	113.5942	66.530	90.3947	1.70	ESTRUCTURA	1.55	201.4613	66.526	1385468.420	1039628.288	0.895
	601	114.1931	65.842	90.3908	1.70	ESTRUCTURA	1.55	201.7916	65.838	1385469.200	1039628.187	0.915
	602	113.5442	66.638	90.4030	1.70	ESTRUCTURA	1.55	201.3779	66.633	1385468.284	1039628.339	0.880
	603	114.2325	65.696	90.3936	1.70	ESTRUCTURA	1.55	201.8566	65.692	1385469.363	1039628.172	0.908
	604	115.5539	66.766	89.5912	1.70	ESTRUCTURA	1.55	203.3938	66.766	1385469.055	1039626.119	1.680
	605	116.0449	66.710	89.5914	1.70	ESTRUCTURA	1.55	203.5466	66.710	1385469.178	1039625.978	1.679
	606	116.1335	66.557	89.5905	1.70	ESTRUCTURA	1.55	203.6927	66.557	1385469.386	1039625.884	1.682
	607	116.3338	65.823	89.5923	1.70	ESTRUCTURA	1.55	204.0268	65.823	1385470.213	1039625.827	1.676
	608	116.1451	68.079	90.0002	1.70	ESTRUCTURA	1.55	203.7138	68.079	1385468.002	1039625.249	1.664
	609	116.3313	67.964	90.0036	1.70	ESTRUCTURA	1.55	204.0199	67.964	1385468.254	1039624.963	1.653
	610	116.4340	67.645	89.5931	1.70	ESTRUCTURA	1.55	204.1941	67.645	1385468.630	1039624.905	1.674
	611	117.0749	66.830	89.3354	2.20	ESTRUCTURA	1.55	204.5966	66.828	1385469.569	1039624.813	1.672
	612	116.0843	67.129	89.5825	1.70	CAM_INSPEC	1.55	203.6116	67.129	1385468.824	1039625.741	1.695
	613	115.5736	67.563	89.5912	1.70	CAM_INSPEC	1.55	203.4263	67.563	1385468.339	1039625.767	1.680
	614	116.1901	67.773	89.5927	1.70	CAM_INSPEC	1.55	203.7832	67.773	1385468.316	1039625.297	1.675
	615	116.3031	67.352	89.5909	1.70	CAM_INSPEC	1.55	203.9749	67.352	1385468.792	1039625.261	1.681
	616	114.2911	68.649	90.2754	1.70	BORDLAGUNA	1.55	201.9527	68.647	1385466.664	1039626.965	1.107
	617	112.1303	73.626	90.3506	1.70	BORDLAGUNA	1.55	199.6838	73.622	1385461.013	1039627.830	0.913



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	618	87.3554	79.078	90.1758	1.70	BORDLAGUNA	1.55	175.0646	79.077	1385451.549	1039659.431	1.251
	619	111.0731	77.141	90.2538	1.70	BORDLAGUNA	1.55	198.5916	77.139	1385457.220	1039628.035	1.089
	620	86.0155	78.944	90.1056	1.70	BORDLAGUNA	1.55	173.4982	78.944	1385451.897	1039661.567	1.413
	621	111.0727	77.150	90.2538	1.70	BORDLAGUNA	1.55	198.5904	77.148	1385457.211	1039628.033	1.089
	622	84.4736	78.182	90.1004	1.70	BORDLAGUNA	1.55	172.2596	78.182	1385452.864	1039663.158	1.436
	623	109.4137	79.569	90.2356	1.70	BORDLAGUNA	1.55	197.1599	79.567	1385454.308	1039629.153	1.111
	624	83.5227	76.918	90.1329	1.70	BORDLAGUNA	1.55	171.3404	76.917	1385454.293	1039664.209	1.363
	625	107.3653	80.990	90.2308	1.70	BORDLAGUNA	1.55	195.0810	80.988	1385452.134	1039631.556	1.120
	626	105.4444	81.417	90.1934	1.70	BORDLAGUNA	1.55	193.2118	81.416	1385451.072	1039634.020	1.201
	627	104.1819	80.941	90.2312	1.70	BORDLAGUNA	1.55	191.7716	80.939	1385451.096	1039636.116	1.118
	628	101.2711	80.334	90.2049	1.70	BORDLAGUNA	1.55	188.9193	80.333	1385450.972	1039640.173	1.178
	629	82.5834	75.007	88.2451	4.00	BORDLAGUNA	1.55	170.4424	74.978	1385456.396	1039665.077	1.440
	630	82.1834	71.163	88.2233	4.00	BORDLAGUNA	1.55	169.7757	71.134	1385460.328	1039665.255	1.382
	631	81.5939	67.068	88.1400	4.00	BORDLAGUNA	1.55	169.4604	67.036	1385464.428	1039664.890	1.432
ELAG2-ELAGY06	ELAGY06	0.0001	85.363	89.5907	1.70	ESTACION	1.60	191.7929	85.355	1385531.618	1039681.671	1.832
	ELAG4	154.5809	83.446	89.3826	1.70	DELTA	1.60	166.7621	83.444	1385450.391	1039700.779	2.254
	632	72.4226	12.207	89.4746	1.70	ESTRUCTURA	1.60	84.5002	12.207	1385532.788	1039693.821	1.774
	633	77.4721	12.178	89.4558	1.70	ESTRUCTURA	1.60	89.5821	12.178	1385531.707	1039693.848	1.780
	634	79.4427	3.523	88.1722	1.70	CAM_INSPEC	1.60	91.5338	3.521	1385531.524	1039685.191	1.836
	635	80.1523	3.020	88.3841	1.70	CAM_INSPEC	1.60	92.0493	3.019	1385531.510	1039684.688	1.802
	636	67.2114	3.066	88.1237	1.70	CAM_INSPEC	1.60	79.1468	3.065	1385532.195	1039684.680	1.826
	637	68.4034	3.545	88.2926	1.70	CAM_INSPEC	1.60	80.4691	3.544	1385532.205	1039685.165	1.824
	638	81.3133	2.709	87.5844	1.70	ESTRUCTURA	1.60	93.3188	2.707	1385531.462	1039684.373	1.826
	639	84.1735	1.987	87.0252	1.70	ESTRUCTURA	1.60	96.0860	1.984	1385531.408	1039683.644	1.833
	640	62.4612	2.748	88.3012	1.70	ESTRUCTURA	1.60	74.5629	2.747	1385532.349	1039684.319	1.802
	641	58.4121	2.025	87.0319	1.70	ESTRUCTURA	1.60	70.4821	2.022	1385532.294	1039683.577	1.835
	642	57.5148	2.040	93.4718	1.70	ESTRUCTURA	1.60	69.6563	2.036	1385532.326	1039683.579	1.596
	643	56.0251	1.825	93.4028	1.70	ESTRUCTURA	1.60	67.8404	1.821	1385532.305	1039683.357	1.614
	644	62.2922	2.739	91.5030	1.70	ESTRUCTURA	1.60	74.2824	2.738	1385532.360	1039684.306	1.643
	645	63.0648	2.933	91.4422	1.70	ESTRUCTURA	1.60	74.9063	2.932	1385532.382	1039684.501	1.642
	646	80.0201	2.760	106.5524	1.70	ESTRUCTURA	1.60	91.8266	2.640	1385531.534	1039684.310	0.927
	647	81.5002	2.183	111.4821	1.70	ESTRUCTURA	1.60	93.6268	2.027	1385531.490	1039683.693	0.920
	648	63.4339	2.180	112.2705	1.70	ESTRUCTURA	1.60	75.5204	2.015	1385532.122	1039683.621	0.898
	649	58.0811	2.238	111.5906	1.70	ESTRUCTURA	1.60	69.9293	2.075	1385532.330	1039683.620	0.893
	650	66.2405	2.767	107.2229	1.70	ESTRUCTURA	1.60	78.1943	2.641	1385532.159	1039684.256	0.904
	651	62.3751	2.838	107.1222	1.70	ESTRUCTURA	1.60	74.4238	2.711	1385532.346	1039684.282	0.891



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	652	34.1600	3.593	100.2431	1.70	ESTRUCTURA	1.60	46.0596	3.534	1385534.070	1039684.215	1.082
	653	36.2118	3.781	100.2333	1.70	ESTRUCTURA	1.60	48.1479	3.719	1385534.100	1039684.441	1.049
	654	24.5448	3.111	102.1853	1.70	ESTRUCTURA	1.60	36.7063	3.039	1385534.055	1039683.487	1.067
	655	22.1125	3.015	102.4700	1.70	ESTRUCTURA	1.60	33.9832	2.940	1385534.056	1039683.314	1.064
	656	33.1502	3.634	103.2407	1.70	ESTRUCTURA	1.60	45.0435	3.535	1385534.116	1039684.172	0.888
	657	25.1722	3.197	105.2316	1.70	ESTRUCTURA	1.60	37.0824	3.082	1385534.077	1039683.529	0.882
	658	245.5846	11.328	92.0919	1.70	BORDLAGUNA	1.60	257.7724	11.320	1385529.221	1039670.607	1.305
	659	243.3822	13.410	92.0724	1.70	BORDLAGUNA	1.60	255.4324	13.401	1385528.248	1039668.701	1.234
	660	241.3432	14.927	91.4514	1.70	BORDLAGUNA	1.60	253.3685	14.920	1385527.348	1039667.375	1.274
	661	236.1333	16.141	91.5801	1.70	BORDLAGUNA	1.60	248.0188	16.131	1385525.580	1039666.712	1.177
	662	232.1000	17.144	91.4823	1.70	BORDLAGUNA	1.60	243.9596	17.135	1385524.096	1039666.275	1.190
	663	228.4558	17.958	91.4652	1.70	BORDLAGUNA	1.60	240.5591	17.949	1385522.796	1039666.039	1.173
	664	83.1741	13.920	91.4213	1.70	BORDLAGUNA	1.60	95.0877	13.914	1385530.384	1039695.530	1.317
	665	83.5950	15.911	91.1608	1.70	BORDLAGUNA	1.60	95.7902	15.907	1385530.013	1039697.497	1.378
	666	85.3349	17.232	91.3438	1.70	BORDLAGUNA	1.60	97.3566	17.225	1385529.413	1039698.754	1.256
	667	87.5836	18.772	91.4402	1.70	BORDLAGUNA	1.60	99.7696	18.763	1385528.434	1039700.162	1.163
	668	94.2212	21.254	91.4014	1.70	BORDLAGUNA	1.60	106.1629	21.245	1385525.704	1039702.076	1.111
	669	98.4849	22.479	91.3012	1.70	BORDLAGUNA	1.60	110.6066	22.471	1385523.710	1039702.704	1.141
	670	87.5620	19.603	91.0350	1.70	LAGUNA	1.60	99.7318	19.600	1385528.305	1039700.988	1.367
	671	90.0511	18.794	93.0945	1.70	LAGUNA	1.60	101.8793	18.765	1385527.755	1039700.034	0.694
	672	233.1925	17.982	90.2038	1.70	LAGUNA	1.60	245.1166	17.982	1385524.052	1039665.358	1.623
	673	230.2900	16.610	93.1945	1.70	LAGUNA	1.60	242.2763	16.582	1385523.904	1039666.992	0.766
	674	206.0141	26.202	88.1251	2.60	LAGUNA	1.60	217.8210	26.189	1385510.931	1039665.611	1.647
	675	203.4601	25.421	90.5508	2.60	LAGUNA	1.60	215.5599	25.418	1385510.941	1039666.889	0.423
	676	110.5519	26.581	88.2318	2.60	LAGUNA	1.60	122.7149	26.570	1385517.258	1039704.026	1.578
	677	112.2256	25.245	90.0704	2.60	LAGUNA	1.60	124.1752	25.245	1385517.438	1039702.556	0.779
	678	130.4620	37.070	89.3040	2.60	LAGUNA	1.60	142.5652	37.069	1385502.184	1039704.203	1.147
	679	131.3937	36.500	90.2515	2.60	LAGUNA	1.60	143.4532	36.499	1385502.296	1039703.405	0.563
	680	142.3246	55.839	89.2037	2.60	LAGUNA	1.60	154.3391	55.835	1385481.290	1039705.850	1.470
	681	143.5005	55.223	90.2656	2.60	LAGUNA	1.60	155.6277	55.221	1385481.318	1039704.458	0.398
	682	148.0150	73.348	89.2249	2.60	LAGUNA	1.60	159.8235	73.344	1385462.775	1039706.968	1.624
	683	149.2423	72.680	90.1318	2.60	LAGUNA	1.60	161.1993	72.679	1385462.817	1039705.094	0.550
	684	178.2726	73.912	89.3128	2.60	LAGUNA	1.60	190.2502	73.909	1385458.888	1039668.519	1.444
	685	177.5442	73.571	90.0824	2.60	LAGUNA	1.60	189.7046	73.571	1385459.100	1039669.269	0.651
	686	183.5354	52.850	89.2507	2.60	LAGUNA	1.60	195.6913	52.847	1385480.740	1039667.378	1.367
	687	182.5510	52.428	90.1722	2.60	LAGUNA	1.60	194.7124	52.427	1385480.910	1039668.356	0.566



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	688	192.2015	36.713	89.1612	2.60	LAGUNA	1.60	204.1304	36.710	1385498.116	1039666.663	1.298
	689	191.1151	36.276	90.2513	2.60	LAGUNA	1.60	202.9904	36.275	1385498.225	1039667.502	0.565
	690	157.4054	1.286	106.4741	1.70	LAGUNA	1.60	169.4746	1.231	1385530.408	1039681.896	1.359
	691	153.5557	2.463	108.5943	1.70	LAGUNA	1.60	165.7254	2.329	1385529.361	1039682.245	0.929
	692	154.5300	3.012	96.1907	2.60	LAGUNA	1.60	166.6763	2.994	1385528.705	1039682.361	0.499
	693	146.4915	62.159	90.4429	1.70	ESTRUCTURA	1.60	158.6138	62.154	1385473.744	1039704.335	0.926
	694	146.4645	61.979	90.4443	1.70	ESTRUCTURA	1.60	158.5721	61.974	1385473.928	1039704.311	0.925
	695	145.3519	62.549	90.1923	1.70	ESTRUCTURA	1.60	157.3816	62.548	1385473.881	1039705.726	1.378
	696	145.3236	62.359	90.1915	1.70	ESTRUCTURA	1.60	157.3363	62.358	1385474.075	1039705.699	1.382
	697	144.4733	62.832	90.2004	1.70	ESTRUCTURA	1.60	156.5854	62.831	1385473.961	1039706.638	1.364
	698	144.4141	62.655	90.2009	1.70	ESTRUCTURA	1.60	156.4877	62.654	1385474.166	1039706.666	1.363
	699	144.3730	63.180	90.1947	1.70	ESTRUCTURA	1.60	156.4179	63.179	1385473.715	1039706.946	1.367
	700	144.2631	63.179	90.2009	1.70	ESTRUCTURA	1.60	156.2349	63.178	1385473.797	1039707.131	1.360
	701	144.4704	63.825	90.1902	1.70	ESTRUCTURA	1.60	156.5774	63.824	1385473.053	1039707.041	1.377
	702	144.3047	63.704	90.1938	1.70	ESTRUCTURA	1.60	156.3060	63.703	1385473.285	1039707.270	1.367
	703	144.4025	63.431	90.1942	1.70	ESTRUCTURA	1.60	156.4666	63.430	1385473.464	1039706.997	1.367
	704	144.3039	63.458	90.1954	1.70	ESTRUCTURA	1.60	156.3038	63.457	1385473.511	1039707.173	1.363
	705	143.5421	64.121	90.2016	1.70	ESTRUCTURA	1.60	155.6988	64.120	1385473.180	1039708.058	1.353
	706	144.0346	63.875	90.2004	1.70	ESTRUCTURA	1.60	155.8557	63.874	1385473.332	1039707.797	1.358
	707	143.4625	63.798	90.2018	1.70	ESTRUCTURA	1.60	155.5666	63.797	1385473.535	1039708.059	1.354
	708	143.5612	63.704	90.2003	1.70	ESTRUCTURA	1.60	155.7296	63.703	1385473.546	1039707.855	1.359
	709	143.2905	62.863	90.2009	1.70	ESTRUCTURA	1.60	155.2777	62.862	1385474.518	1039707.961	1.362
	710	143.3705	62.842	90.2021	1.70	ESTRUCTURA	1.60	155.4110	62.841	1385474.476	1039707.819	1.359
	711	143.3049	62.535	90.2031	1.70	ESTRUCTURA	1.60	155.3066	62.534	1385474.803	1039707.795	1.357
	712	143.3925	62.598	90.2021	1.70	ESTRUCTURA	1.60	155.4499	62.597	1385474.680	1039707.679	1.360
	713	143.4722	62.127	90.2010	1.70	ESTRUCTURA	1.60	155.5824	62.126	1385475.049	1039707.352	1.366
	714	143.5244	62.276	90.2019	1.70	ESTRUCTURA	1.60	155.6718	62.275	1385474.873	1039707.326	1.363
	715	145.1704	61.583	90.1920	1.70	ESTRUCTURA	1.60	157.0774	61.582	1385474.899	1039705.656	1.384
	716	145.2043	61.757	90.1853	1.70	ESTRUCTURA	1.60	157.1382	61.756	1385474.713	1039705.663	1.391
	717	146.3204	61.169	90.4510	1.70	ESTRUCTURA	1.60	158.3274	61.164	1385474.778	1039704.259	0.927
	718	146.3550	61.337	90.4509	1.70	ESTRUCTURA	1.60	158.3902	61.332	1385474.597	1039704.258	0.925
	719	146.3316	61.329	91.0016	1.70	ESTRUCTURA	1.60	158.3474	61.320	1385474.625	1039704.296	0.656
	720	146.4348	61.916	90.5955	1.70	ESTRUCTURA	1.60	158.5229	61.907	1385474.010	1039704.336	0.652
	721	145.2110	61.760	91.0041	1.70	ESTRUCTURA	1.60	157.1457	61.750	1385474.716	1039705.654	0.641
	722	145.2753	62.296	91.0024	1.70	ESTRUCTURA	1.60	157.2577	62.286	1385474.174	1039705.750	0.636
	723	144.3950	62.636	91.0024	1.70	ESTRUCTURA	1.60	156.4568	62.626	1385474.205	1039706.686	0.630



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	724	143.5326	62.301	90.1203	2.60	ESTRUCTURA	1.60	155.6835	62.301	1385474.845	1039707.325	0.612
	725	144.2444	63.037	90.1116	2.60	ESTRUCTURA	1.60	156.2052	63.037	1385473.940	1039707.104	0.624
	726	143.3649	62.862	90.1157	2.60	ESTRUCTURA	1.60	155.4066	62.862	1385474.459	1039707.832	0.612
	727	144.2823	63.473	90.1103	2.60	ESTRUCTURA	1.60	156.2660	63.473	1385473.514	1039707.218	0.627
	728	143.5432	63.727	90.1152	2.60	ESTRUCTURA	1.60	155.7018	63.727	1385473.537	1039707.893	0.611
	729	144.2545	63.683	90.1001	2.60	ESTRUCTURA	1.60	156.2221	63.683	1385473.341	1039707.347	0.645
	730	144.0143	63.910	90.1027	2.60	ESTRUCTURA	1.60	155.8216	63.910	1385473.315	1039707.847	0.636
	731	144.1820	63.776	90.3959	1.70	CLAVE	1.60	156.0985	63.772	1385473.315	1039707.509	0.989
	732	144.1743	63.770	90.4431	2.00	BATEA	1.60	156.0882	63.765	1385473.326	1039707.516	0.605
	733	147.3711	71.558	89.5552	2.00	BORDLAGUNA	1.60	159.4127	71.558	1385464.630	1039706.833	1.517
	734	148.1838	73.629	89.5603	2.00	BORDLAGUNA	1.60	160.1035	73.629	1385462.384	1039706.728	1.515
	735	149.2757	76.533	89.5654	2.00	BORDLAGUNA	1.60	161.2588	76.533	1385459.143	1039706.260	1.500
	736	151.0858	78.300	90.0047	2.00	BORDLAGUNA	1.60	162.9424	78.300	1385456.763	1039704.639	1.413
	737	152.4939	79.459	90.0212	2.00	BORDLAGUNA	1.60	164.6204	79.459	1385455.005	1039702.744	1.380
	738	154.2413	79.656	90.0212	2.00	BORDLAGUNA	1.60	166.1966	79.656	1385454.263	1039700.676	1.380
	739	155.4311	79.387	90.0651	2.00	BORDLAGUNA	1.60	167.5127	79.387	1385454.109	1039698.836	1.273
	740	173.4017	78.739	90.0556	2.00	BORDLAGUNA	1.60	185.4643	78.739	1385453.237	1039674.173	1.295
	741	174.5153	78.413	89.5824	2.00	BORDLAGUNA	1.60	186.6577	78.413	1385453.734	1039672.580	1.467
	742	175.5649	77.690	89.5941	2.00	BORDLAGUNA	1.60	187.7399	77.690	1385454.636	1039671.208	1.438
	743	176.5045	76.738	90.0434	2.00	BORDLAGUNA	1.60	188.6388	76.738	1385455.751	1039670.144	1.329
	744	178.0307	74.287	90.0434	2.00	BORDLAGUNA	1.60	189.8449	74.287	1385458.425	1039668.969	1.332
	745	178.3627	72.395	90.0906	2.00	BORDLAGUNA	1.60	190.4004	72.395	1385460.413	1039668.601	1.239
ELAG4-ELAG2	ELAG2	359.5959	83.447	90.1203	1.70	ESTACION	1.55	166.7621	83.444	1385450.391	1039700.779	2.254
	746	149.0650	10.328	100.3127	1.70	BATEA	1.55	135.8760	10.154	1385443.102	1039707.848	0.221
	747	148.4605	10.278	98.2044	1.70	CLAVE	1.55	135.5302	10.169	1385443.134	1039707.903	0.615
	748	145.3815	9.903	98.3438	1.70	CLAVE	1.55	132.3996	9.792	1385443.788	1039708.010	0.630
	749	145.4728	8.721	100.0014	1.70	BORDE_CANO	1.55	132.5532	8.588	1385444.583	1039707.106	0.592
	750	157.0755	8.529	100.2930	1.70	BORDE_CANO	1.55	143.8941	8.386	1385443.616	1039705.721	0.554
	751	177.0759	9.518	100.2517	1.70	BORDE_CANO	1.55	163.8952	9.361	1385441.398	1039703.376	0.386
	752	197.1556	9.463	100.3556	1.70	BORDE_CANO	1.55	184.0277	9.302	1385441.113	1039700.126	0.367
	753	225.0529	11.028	98.5745	1.70	BORDE_CANO	1.55	211.8535	10.893	1385441.138	1039695.030	0.389
	754	140.2612	12.504	95.3332	2.60	BORDE_CANO	1.55	127.1988	12.445	1385442.867	1039710.692	-0.004
	755	139.2238	10.761	95.3838	2.60	BORDE_CANO	1.55	126.1393	10.709	1385444.076	1039709.427	0.149
	756	139.3510	11.848	94.5002	2.60	BORDE_CANO	1.55	126.3482	11.806	1385443.394	1039710.288	0.209
	757	143.1649	13.075	97.0254	2.60	CANO	1.55	130.0424	12.976	1385442.043	1039710.713	-0.397
	758	145.4233	13.170	98.0147	2.60	CANO	1.55	132.4713	13.041	1385441.586	1039710.398	-0.632



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	759	146.4610	13.867	97.5727	2.60	CANO	1.55	133.5316	13.733	1385440.932	1039710.736	-0.713
	760	145.2520	10.966	100.1915	2.60	CANO	1.55	132.1843	10.789	1385443.146	1039708.773	-0.757
	761	150.5023	10.930	102.5453	2.60	CANO	1.55	137.6018	10.654	1385442.524	1039707.962	-1.236
	762	150.1509	10.316	101.2201	2.60	CANO	1.55	137.0146	10.114	1385442.993	1039707.675	-0.826
	763	152.1424	9.725	100.3935	2.60	CANO	1.55	139.0021	9.557	1385443.178	1039707.049	-0.592
	764	160.3758	8.967	95.5111	2.60	BORDE_CANO	1.55	147.3949	8.920	1385442.877	1039705.586	0.293
	765	160.3522	9.513	99.5006	2.60	CANO	1.55	147.3516	9.373	1385442.499	1039705.836	-0.418
	766	178.0447	10.386	99.0759	2.60	CANO	1.55	164.8418	10.254	1385440.494	1039703.460	-0.441
	767	198.3941	10.567	98.4546	2.60	CANO	1.55	185.4235	10.444	1385439.994	1039699.792	-0.403
	768	198.2726	10.894	99.4941	2.60	CANO	1.55	185.2193	10.734	1385439.702	1039699.802	-0.652
	769	218.0635	11.996	98.5813	2.60	CANO	1.55	204.8718	11.849	1385439.641	1039695.795	-0.663
	770	217.4207	12.187	99.1524	2.60	CANO	1.55	204.4641	12.028	1385439.443	1039695.798	-0.753
	771	155.5604	19.691	95.3534	1.70	BORDE_CANO	1.55	142.6966	19.597	1385434.803	1039712.656	0.188
	772	148.1329	21.600	94.4928	1.70	BORDE_CANO	1.55	134.9868	21.523	1385435.175	1039716.002	0.291
	773	177.2221	17.057	96.1413	1.70	BORDE_CANO	1.55	164.1346	16.956	1385434.081	1039705.414	0.254
	774	200.0706	16.773	96.4540	1.70	BORDE_CANO	1.55	186.8804	16.656	1385433.855	1039698.784	0.133
	775	217.0809	18.337	96.0307	1.70	BORDE_CANO	1.55	203.8979	18.235	1385433.720	1039693.392	0.174
	776	216.2125	17.266	95.1537	2.60	CANO	1.55	203.1191	17.193	1385434.579	1039694.028	-0.376
	777	216.2754	17.010	96.3207	2.60	CANO	1.55	203.2271	16.899	1385434.861	1039694.114	-0.729
	778	199.3321	16.266	95.2240	2.60	CANO	1.55	186.3179	16.194	1385434.295	1039698.997	-0.317
	779	199.3355	15.943	96.0938	2.60	CANO	1.55	186.3274	15.851	1385434.637	1039699.032	-0.504
	780	199.4203	15.792	97.0756	2.60	CANO	1.55	186.4629	15.670	1385434.821	1039699.015	-0.754
	781	183.1838	16.091	94.4305	2.60	CANO	1.55	170.0727	16.036	1385434.595	1039703.544	-0.116
	782	183.1720	15.728	96.3425	2.60	CANO	1.55	170.0510	15.625	1385435.002	1039703.478	-0.593
	783	182.5934	15.589	97.1632	2.60	CANO	1.55	169.7549	15.463	1385435.174	1039703.529	-0.767
	784	156.0508	18.473	94.4531	2.60	CANO	1.55	142.8477	18.409	1385435.718	1039711.897	-0.325
	785	156.0619	18.618	95.0035	2.60	CANO	1.55	142.8674	18.547	1385435.605	1039711.975	-0.419
	786	155.2704	18.431	95.4601	2.60	CANO	1.55	142.2132	18.338	1385435.899	1039712.015	-0.645
	787	216.2339	16.659	97.3541	2.60	CANO	1.55	203.1563	16.513	1385435.209	1039694.285	-0.995
	788	25.1711	23.890	92.1853	1.70	TERRENO	1.55	12.0485	23.871	1385473.736	1039705.762	1.142
	789	29.1028	20.296	91.5204	1.70	TERRENO	1.55	15.9366	20.285	1385469.897	1039706.349	1.446
	790	34.2342	15.926	92.4624	1.70	TERRENO	1.55	21.1571	15.907	1385465.226	1039706.520	1.337
	791	43.0000	11.807	93.0806	1.70	TERRENO	1.55	29.7621	11.789	1385460.625	1039706.631	1.461
	792	56.4234	8.051	91.2849	1.70	TERRENO	1.55	43.4716	8.048	1385456.232	1039706.316	1.899
	793	72.4400	6.247	91.2848	1.70	TERRENO	1.55	59.4954	6.245	1385453.561	1039706.159	1.946
	794	98.3812	6.490	98.2548	1.70	TERRENO	1.55	85.3988	6.420	1385450.906	1039707.178	1.156



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	795	83.5250	6.142	94.2704	1.70	TERRENO	1.55	70.6427	6.123	1385452.421	1039706.556	1.631
	796	135.3330	8.067	99.2042	1.70	TERRENO	1.55	122.3204	7.960	1385446.135	1039707.506	0.797
ELAG3-ELAG2	ELAG2	0.0000	29.080	89.4321	1.70	ESTACION	1.57	267.4663	29.071	1385530.333	1039652.628	1.815
	874	197.2155	30.131	90.3642	1.70	TERRENO	1.57	284.8316	30.129	1385538.046	1039623.503	1.360
	875	196.5633	30.925	89.5906	1.70	TERRENO	1.57	284.4088	30.925	1385538.028	1039622.676	1.690
	876	196.1816	33.258	89.4947	1.70	TERRENO	1.57	283.7707	33.258	1385538.250	1039620.326	1.780
	877	196.0347	35.789	90.3143	1.70	TERRENO	1.57	283.5293	35.787	1385538.705	1039617.834	1.351
	878	195.3930	39.813	91.0456	1.70	TERRENO	1.57	283.1246	39.806	1385539.372	1039613.862	0.930
	879	195.2722	43.205	91.0816	1.70	TERRENO	1.57	282.9224	43.196	1385539.993	1039610.526	0.824
	880	312.2004	13.128	92.3516	1.70	TERRENO	1.57	39.8007	13.115	1385540.409	1039661.023	1.089
	881	315.4248	13.720	90.1758	1.70	TERRENO	1.57	43.1796	13.720	1385540.338	1039662.016	1.610
	882	320.2235	15.229	90.1837	1.70	TERRENO	1.57	47.8427	15.229	1385540.554	1039663.917	1.599
	883	321.5012	15.726	91.4248	1.70	TERRENO	1.57	49.3029	15.719	1385540.583	1039664.546	1.211
	884	318.0147	14.411	89.5144	1.70	TERRENO	1.57	45.4960	14.411	1385540.435	1039662.906	1.716
	885	157.2820	30.667	90.5018	1.70	TERRENO	1.57	244.9385	30.664	1385517.344	1039624.851	1.233
	886	157.5128	31.677	90.2444	1.70	TERRENO	1.57	245.3241	31.676	1385517.109	1039623.845	1.454
	887	158.2207	32.858	90.1437	1.70	TERRENO	1.57	245.8349	32.858	1385516.882	1039622.650	1.542
	888	158.3226	34.277	90.2314	1.50	TERRENO	1.57	246.0068	34.276	1385516.395	1039621.314	1.650
	889	159.5104	35.946	90.3703	1.50	TERRENO	1.57	247.3174	35.944	1385516.472	1039619.464	1.494
	890	161.0350	37.282	90.5410	1.50	TERRENO	1.57	248.5302	37.277	1385516.689	1039617.937	1.294
	891	162.4559	38.739	91.0556	1.70	TERRENO	1.57	250.2327	38.732	1385517.234	1039616.179	0.939
	892	351.1807	50.873	90.3745	1.70	TERRENO	1.57	78.7682	50.870	1385540.241	1039702.524	1.123
	893	351.3346	52.725	89.4546	1.70	TERRENO	1.57	79.0291	52.725	1385540.367	1039704.389	1.900
	894	352.0952	55.111	89.4116	1.70	TERRENO	1.57	79.6307	55.110	1385540.252	1039706.838	1.982
	895	351.5617	56.494	89.5242	1.70	TERRENO	1.57	79.4043	56.494	1385540.721	1039708.159	1.802
	896	50.3947	14.475	91.3432	1.70	TERRENO	1.57	138.1293	14.470	1385519.558	1039662.286	1.284
	897	48.1724	15.002	90.2056	1.70	TERRENO	1.57	135.7563	15.002	1385519.586	1039663.095	1.590
	898	43.5030	16.462	90.0623	1.70	TERRENO	1.57	131.3079	16.462	1385519.466	1039664.994	1.651
	899	351.3918	59.869	89.3648	2.40	TERRENO	1.57	79.1213	59.868	1385541.632	1039711.420	1.386
	900	41.1948	17.515	92.0758	1.70	TERRENO	1.57	128.7963	17.503	1385519.367	1039666.270	1.030
	901	352.0342	61.679	89.4510	2.40	TERRENO	1.57	79.5279	61.678	1385541.544	1039713.279	1.248
	902	9.3956	50.158	90.4938	1.70	TERRENO	1.57	97.1318	50.153	1385524.106	1039702.393	0.957
	903	9.2523	52.664	89.3147	1.70	TERRENO	1.57	96.8893	52.662	1385524.016	1039704.910	2.114
	904	9.1820	54.544	89.2357	1.70	TERRENO	1.57	96.7718	54.541	1385523.902	1039706.789	2.254
	905	8.5404	57.646	89.4534	1.70	TERRENO	1.57	96.3674	57.645	1385523.940	1039709.918	1.924
	906	8.5334	59.558	90.0135	1.70	TERRENO	1.57	96.3591	59.558	1385523.737	1039711.820	1.654



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	907	9.0243	61.261	90.1303	1.70	TERRENO	1.57	96.5116	61.261	1385523.386	1039713.494	1.449
	908	8.2352	62.398	89.1637	2.90	TERRENO	1.57	95.8641	62.393	1385523.958	1039714.695	1.269
	909	115.0837	65.615	89.5100	2.60	TERRENO	1.57	202.6099	65.615	1385469.761	1039627.402	0.953
	910	116.0658	66.635	89.3131	2.60	TERRENO	1.57	203.5824	66.633	1385469.265	1039625.971	1.334
	911	116.5535	67.355	89.2319	2.60	TERRENO	1.57	204.3927	67.351	1385468.994	1039624.813	1.500
	912	117.4039	68.147	89.2524	2.60	TERRENO	1.57	205.1438	68.144	1385468.647	1039623.675	1.467
ELAG3-ELAG2	ELAG2	0.0000	29.075	90.0721	1.70	ESTACION	1.57	267.4663	29.071	1385530.333	1039652.628	1.815
	913	118.4616	69.218	88.2401	4.00	TERRENO	1.57	206.2374	69.191	1385468.271	1039622.039	1.314
	914	119.3118	70.172	88.3544	4.00	TERRENO	1.57	206.9879	70.151	1385467.821	1039620.793	1.101
	915	120.2401	71.257	87.5330	5.00	TERRENO	1.57	207.8666	71.209	1385467.382	1039619.344	1.003
	916	194.1637	9.263	94.0144	1.70	TERRENO	1.57	281.7432	9.240	1385532.214	1039643.581	1.031
	917	187.5202	9.012	92.1747	1.70	TERRENO	1.57	275.3335	9.005	1385531.170	1039643.662	1.320
	918	183.0636	8.919	91.4721	1.70	TERRENO	1.57	270.5763	8.915	1385530.423	1039643.714	1.403
	919	175.3815	8.967	91.0528	1.70	TERRENO	1.57	263.1038	8.965	1385529.257	1039643.728	1.511
	920	170.5818	9.154	92.5557	1.70	TERRENO	1.57	258.4379	9.142	1385528.501	1039643.672	1.213
	921	94.0833	78.713	89.3908	2.90	TERRENO	1.57	181.6088	78.712	1385451.653	1039650.418	0.959
	922	94.1808	80.191	89.1609	2.90	TERRENO	1.57	181.7685	80.184	1385450.187	1039650.154	1.504
	923	94.1257	82.494	89.1537	2.90	TERRENO	1.57	181.6821	82.487	1385447.882	1039650.207	1.547
	924	94.0117	83.456	89.3308	2.90	TERRENO	1.57	181.4877	83.453	1385446.908	1039650.462	1.134
	925	358.0423	30.833	91.1443	1.70	TERRENO	1.57	85.5393	30.826	1385532.731	1039683.361	1.011
	926	358.5216	30.800	90.3132	1.70	TERRENO	1.57	86.3374	30.799	1385532.301	1039683.364	1.399
	927	1.0543	30.957	90.3309	1.70	TERRENO	1.57	88.5616	30.956	1385531.110	1039683.574	1.383
	928	4.1719	31.006	91.2854	1.70	TERRENO	1.57	91.7549	30.996	1385529.384	1039683.609	0.880
ELAG4-ELAG2	ELAG2	0.0000	83.439	90.0643	1.70	ESTACION	1.48	166.7621	83.444	1385450.391	1039700.779	2.254
	929	35.2918	13.457	94.3410	1.70	TERRENO	1.48	22.2504	13.414	1385462.807	1039705.858	0.962
	930	39.3405	13.821	91.5529	1.70	TERRENO	1.48	26.3302	13.813	1385462.771	1039706.906	1.570
	931	43.1502	14.163	90.1102	1.70	TERRENO	1.48	30.0127	14.163	1385462.655	1039707.863	1.989
	932	48.2334	14.651	90.0108	1.70	TERRENO	1.48	35.1549	14.651	1385462.370	1039709.215	2.029
	933	55.3757	15.951	90.2509	1.70	TERRENO	1.48	42.3946	15.951	1385462.171	1039711.533	1.918
	934	62.5216	18.309	91.2144	1.70	TERRENO	1.48	49.6332	18.304	1385462.246	1039714.725	1.599
	935	66.3640	21.147	90.0414	2.50	TERRENO	1.48	53.3732	21.147	1385463.007	1039717.750	1.208
	936	68.2122	23.296	90.3004	2.50	TERRENO	1.48	55.1182	23.295	1385463.713	1039719.889	1.030
ELAG4-ELAG2	ELAG2	0.0000	83.443	90.0648	1.70	ESTACION	1.48	166.7621	83.444	1385450.391	1039700.779	2.254
	937	215.1101	9.562	99.2600	1.70	TERRENO	1.48	201.9457	9.433	1385441.642	1039697.254	0.470
	938	227.1647	5.990	101.2949	1.70	TERRENO	1.48	214.0418	5.870	1385445.527	1039697.493	0.843
	939	230.5348	4.159	101.5526	1.70	TERRENO	1.48	217.6588	4.069	1385447.170	1039698.293	1.178



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	940	245.3710	2.640	89.4815	1.70	TERRENO	1.48	232.3816	2.640	1385448.780	1039698.688	2.046
	941	275.2810	2.391	85.5322	1.70	TERRENO	1.48	262.2316	2.385	1385450.069	1039698.416	2.209
	942	310.4447	2.704	87.4709	1.70	TERRENO	1.48	297.5085	2.702	1385451.639	1039698.382	2.142
	943	318.1506	2.966	90.0412	1.70	TERRENO	1.48	305.0138	2.966	1385452.093	1039698.350	2.034
	944	325.1719	3.630	93.4143	1.70	TERRENO	1.48	312.0507	3.622	1385452.817	1039698.089	1.803
	945	338.5545	5.394	102.1357	1.70	TERRENO	1.48	325.6913	5.272	1385454.746	1039697.808	0.894
	946	299.0135	33.121	91.3429	1.70	TERRENO	1.48	285.7885	33.108	1385459.400	1039668.920	1.127
	947	298.3108	33.772	90.4815	1.70	TERRENO	1.48	285.2810	33.769	1385459.291	1039668.204	1.563
	948	297.2755	35.369	90.2538	1.70	TERRENO	1.48	284.2274	35.368	1385459.084	1039666.496	1.773
	949	297.1554	36.166	90.3506	1.70	TERRENO	1.48	284.0271	36.164	1385459.157	1039665.693	1.668
	950	297.1112	36.505	91.0151	1.70	TERRENO	1.48	283.9488	36.499	1385459.189	1039665.356	1.380
	951	296.5412	37.000	91.4539	1.70	TERRENO	1.48	283.6654	36.983	1385459.128	1039664.843	0.900
	952	296.3758	14.785	93.5003	1.70	TERRENO	1.48	283.3949	14.752	1385453.809	1039686.428	1.049
	953	293.0958	14.499	91.5731	1.70	TERRENO	1.48	279.9282	14.491	1385452.890	1039686.505	1.542
	954	289.3428	14.295	90.0501	1.70	TERRENO	1.48	276.3366	14.295	1385451.969	1039686.571	2.016
	955	285.2914	14.228	89.4233	1.70	TERRENO	1.48	272.2493	14.228	1385450.950	1039686.562	2.109
	956	283.1803	14.098	89.3733	1.70	TERRENO	1.48	270.0629	14.098	1385450.407	1039686.681	2.129
E12000		0.0000				ESTACION		0.0000		1385647.117	1039591.448	0.513
ELAG1	E12000	0.0000	53.871	90.5851	1.70	ESTACION	1.55	91.2407		1385645.950	1039645.297	1.584
	797	174.4105	8.712	90.0454	1.70	TERRENO	1.55	85.9254	8.712	1385646.569	1039653.987	1.421
	798	168.4430	8.732	88.3401	1.70	TERRENO	1.55	79.9824	8.729	1385647.469	1039653.893	1.652
	799	154.3243	9.408	89.0318	1.70	TERRENO	1.55	65.7860	9.407	1385649.809	1039653.876	1.588
	800	142.5916	10.396	90.3642	1.70	TERRENO	1.55	54.2285	10.395	1385652.027	1039653.731	1.322
	801	132.4104	11.950	92.1724	1.70	TERRENO	1.55	43.9252	11.940	1385654.551	1039653.580	0.956
	802	123.2523	13.436	93.1111	1.70	LINDERO	1.55	34.6638	13.415	1385656.985	1039652.927	0.686
	803	108.5804	18.349	92.3033	1.70	TERRENO	1.55	20.2085	18.331	1385663.153	1039651.629	0.630
	804	100.1753	24.189	92.0515	1.70	TERRENO	1.55	11.5388	24.173	1385669.635	1039650.132	0.552
	805	175.4906	22.423	90.1458	1.70	TERRENO	1.55	87.0591	22.423	1385647.101	1039667.690	1.336
	806	172.0424	22.522	89.0308	1.70	TERRENO	1.55	83.3141	22.519	1385648.572	1039667.662	1.806
	807	167.3057	22.338	89.0717	1.70	TERRENO	1.55	78.7566	22.335	1385650.305	1039667.203	1.776
	808	160.2901	22.406	90.0458	1.70	TERRENO	1.55	71.7243	22.406	1385652.977	1039666.572	1.401
	809	152.1631	22.653	91.0523	1.70	TERRENO	1.55	63.5160	22.649	1385656.051	1039665.569	1.002
	810	137.1933	22.772	92.1322	1.70	LINDERO	1.55	48.5666	22.755	1385661.008	1039662.357	0.550
	811	127.0851	25.396	92.0004	1.70	LINDERO	1.55	38.3882	25.381	1385665.844	1039661.058	0.546
	812	117.5001	29.058	91.3857	1.70	LINDERO	1.55	29.0743	29.046	1385671.336	1039659.411	0.597
	813	139.2623	24.839	91.5240	1.70	TERRENO	1.55	50.6804	24.826	1385661.681	1039664.502	0.619



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	814	130.3953	27.438	91.4849	1.70	TERRENO	1.55	41.9054	27.424	1385666.361	1039663.613	0.565
	815	120.5955	31.379	91.3734	1.70	TERRENO	1.55	32.2393	31.366	1385672.481	1039662.029	0.543
	816	176.4217	40.972	90.0151	1.70	TERRENO	1.55	87.9454	40.972	1385647.419	1039686.242	1.411
	817	174.0748	41.063	89.2008	1.70	TERRENO	1.55	85.3707	41.060	1385649.264	1039686.223	1.909
	818	171.0345	40.960	89.1352	1.70	TERRENO	1.55	82.3032	40.956	1385651.436	1039685.884	1.983
	819	166.5436	41.200	89.4414	1.70	TERRENO	1.55	78.1507	41.200	1385654.410	1039685.618	1.622
	820	163.0515	41.365	90.0806	1.70	TERRENO	1.55	74.3282	41.365	1385657.124	1039685.124	1.336
	821	158.5037	41.701	90.4950	1.70	TERRENO	1.55	70.0843	41.697	1385660.154	1039684.500	0.829
	822	152.3549	42.673	90.5541	1.70	TERRENO	1.55	63.8377	42.667	1385664.763	1039683.593	0.742
	823	145.5410	35.680	91.0054	1.70	PARAMENTO	1.55	57.1435	35.674	1385665.305	1039675.264	0.801
	824	116.5442	49.426	91.1516	1.70	PARAMENTO	1.55	28.1524	49.414	1385689.519	1039668.611	0.351
	825	191.2750	59.871	89.4718	1.70	TERRENO	1.55	102.7046	59.871	1385632.783	1039703.701	1.654
	826	190.5819	61.725	89.5018	1.70	TERRENO	1.55	102.2127	61.725	1385632.893	1039705.625	1.607
	827	189.5140	65.713	90.0928	1.70	TERRENO	1.55	101.1018	65.713	1385633.297	1039709.780	1.252
	828	188.5830	69.154	90.3109	1.70	TERRENO	1.55	100.2157	69.151	1385633.686	1039713.352	0.807
	829	187.4135	70.724	90.1311	1.70	ESTRUCTURA	1.55	98.9338	70.723	1385634.968	1039715.162	1.162
	830	189.1309	71.342	90.1355	1.70	ESTRUCTURA	1.55	100.4599	71.341	1385632.999	1039715.453	1.144
	831	188.4109	73.183	90.1429	1.70	ESTRUCTURA	1.55	99.9266	73.182	1385633.335	1039717.383	1.125
	832	187.1159	72.585	90.1255	1.70	ESTRUCTURA	1.55	98.4404	72.584	1385635.296	1039717.095	1.160
	833	187.5722	73.654	90.3426	1.70	TERRENO	1.55	99.1968	73.650	1385634.179	1039718.000	0.695
	834	293.2725	17.922	89.1810	1.70	TERRENO	1.55	204.6977	17.921	1385629.669	1039637.809	1.651
	835	300.3708	19.246	89.4540	1.70	TERRENO	1.55	211.8596	19.246	1385629.604	1039635.138	1.513
	836	309.3152	21.361	90.4708	1.70	TERRENO	1.55	220.7718	21.359	1385629.775	1039631.348	1.140
	837	316.0133	23.150	91.1551	1.70	TERRENO	1.55	227.2666	23.144	1385630.245	1039628.297	0.922
	838	324.2414	25.944	91.4830	1.70	TERRENO	1.55	235.6446	25.931	1385631.317	1039623.889	0.614
	839	332.3021	30.345	91.3945	1.70	TERRENO	1.55	243.7466	30.332	1385632.533	1039618.093	0.553
	840	345.2505	26.918	91.4739	1.70	LINDERO	1.55	256.6588	26.905	1385639.742	1039619.118	0.590
	841	335.1015	30.865	91.3822	1.70	LINDERO	1.55	246.4116	30.852	1385633.604	1039617.022	0.550
	842	326.3753	17.024	92.2423	1.70	LINDERO	1.55	237.8721	17.009	1385636.905	1039630.892	0.718
	843	314.0043	22.635	91.0706	1.70	LINDERO	1.55	225.2527	22.631	1385630.019	1039629.224	0.991
	844	351.4923	14.576	93.3034	1.70	LINDERO	1.55	263.0638	14.549	1385644.193	1039630.854	0.541
	845	15.1709	14.654	93.0807	1.70	LINDERO	1.55	286.5266	14.632	1385650.113	1039631.269	0.632
	846	359.2732	27.154	91.4314	1.70	LINDERO	1.55	270.6996	27.142	1385646.282	1039618.157	0.618
	847	253.0516	32.810	89.3919	1.70	TERRENO	1.55	164.3285	32.809	1385614.361	1039654.159	1.631
	848	254.0015	34.686	89.3521	1.70	TERRENO	1.55	165.2449	34.685	1385612.409	1039654.131	1.682
	849	253.4406	33.450	89.3521	1.70	TERRENO	1.55	164.9757	33.449	1385613.645	1039653.968	1.673



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	850	254.4930	35.521	89.5551	1.70	TERRENO	1.55	166.0657	35.521	1385611.475	1039653.850	1.476
	851	223.0835	42.394	90.1247	1.70	TERRENO	1.55	134.3838	42.394	1385616.298	1039675.594	1.276
	852	224.3032	43.685	89.3519	1.70	TERRENO	1.55	135.7496	43.684	1385614.660	1039675.779	1.747
	853	225.2616	44.588	89.4439	1.70	TERRENO	1.55	136.6785	44.588	1385613.512	1039675.888	1.632
	854	226.0903	45.332	90.0931	1.70	TERRENO	1.55	137.3916	45.332	1385612.586	1039675.986	1.308
	855	296.2236	33.920	89.5030	1.70	TERRENO	1.55	207.6174	33.920	1385615.895	1039629.573	1.527
	856	294.1141	36.044	89.3754	1.70	TERRENO	1.55	205.4354	36.043	1385613.401	1039629.816	1.665
	857	293.2243	36.847	89.3914	1.70	TERRENO	1.55	204.6193	36.846	1385612.454	1039629.947	1.656
	858	292.5137	37.949	89.5034	1.70	TERRENO	1.55	204.1010	37.949	1385611.310	1039629.800	1.537
	859	292.3014	38.360	90.1010	1.70	TERRENO	1.55	203.7446	38.360	1385610.838	1039629.851	1.320
	860	311.4211	60.742	90.3928	1.70	TERRENO	1.55	222.9438	60.738	1385601.489	1039603.917	0.736
	861	306.4758	56.737	90.2442	1.70	TERRENO	1.55	218.0402	56.736	1385601.267	1039610.335	1.026
	862	301.4354	53.375	89.5742	1.70	TERRENO	1.55	212.9724	53.375	1385601.172	1039616.248	1.469
	863	299.5020	52.503	89.4350	1.70	TERRENO	1.55	211.0796	52.502	1385600.985	1039618.193	1.680
	864	297.3309	51.643	88.0004	3.50	TERRENO	1.55	208.7932	51.612	1385600.720	1039620.438	1.434
	865	252.1813	47.002	90.2328	1.70	TERRENO	1.55	163.5443	47.001	1385600.875	1039658.611	1.112
	866	251.3311	47.249	89.4608	1.70	TERRENO	1.55	162.7938	47.249	1385600.816	1039659.273	1.624
	867	250.0351	47.652	89.4331	1.70	TERRENO	1.55	161.3049	47.651	1385600.813	1039660.570	1.662
	868	250.0331	47.838	85.4523	5.00	TERRENO	1.55	161.2993	47.707	1385600.762	1039660.593	1.673
	869	248.4118	47.704	85.4517	5.00	TERRENO	1.55	159.9291	47.573	1385601.267	1039661.623	1.665
	870	247.3519	47.648	86.2137	5.00	TERRENO	1.55	158.8293	47.552	1385601.608	1039662.470	1.158
	871	216.4439	69.699	89.5446	1.70	TERRENO	1.55	127.9849	69.699	1385603.054	1039700.231	1.539
	872	215.5747	70.881	89.3556	1.70	TERRENO	1.55	127.2038	70.879	1385603.093	1039701.751	1.929
	873	214.4406	72.899	89.3537	1.70	TERRENO	1.55	125.9757	72.897	1385603.128	1039704.290	1.950



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COMISION B
INGENIERA XIMENA CRUZ



ELBER DE J HERNÁNDEZ D
INGENIERÍA CIVIL & AMBIENTAL
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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
E11000		0.0000				ESTACION		0.0000		1387444.337	1039219.733	2.776
E11001	E11000	0.0000	89.938	89.5239	1.70	ESTACION	1.45	160.5298		1387359.542	1039249.711	2.770
	E11002	180.0744	101.317	89.4030	1.70	DELTA	1.45	160.6587	101.315	1387263.944	1039283.266	3.097
	E11003	23.1623	10.589	88.3448	1.70	DELTA	1.45	3.8029	10.586	1387370.104	1039250.413	2.784
	1	353.5058	46.738	89.2715	1.70	CERRAMIENT	1.45	334.3793	46.736	1387401.682	1039229.502	2.967
	2	7.2844	47.552	88.2321	2.00	PARAMENTO	1.45	348.0087	47.533	1387406.037	1039239.835	3.559
	3	1.3447	49.416	89.3140	1.70	BORDE_VIA	1.45	342.1095	49.414	1387406.566	1039234.531	2.929
	4	355.0429	49.614	89.3139	1.70	BORDE_VIA	1.45	335.6045	49.612	1387404.724	1039229.220	2.931
	5	1.2443	53.304	89.3418	1.70	BORDE_VIA	1.45	341.9418	53.303	1387410.218	1039233.188	2.920
	6	355.2337	53.699	89.3518	1.70	BORDE_VIA	1.45	335.9234	53.698	1387408.567	1039227.805	2.908
	7	4.5417	53.582	89.3651	1.70	BORDE_VIA	1.45	345.4345	53.581	1387411.400	1039236.236	2.883
	8	352.2024	53.818	89.3537	1.70	BORDE_VIA	1.45	332.8698	53.817	1387407.437	1039225.170	2.904
	9	4.5343	49.937	89.3504	1.70	BORDE_VIA	1.45	345.4251	49.936	1387407.870	1039237.145	2.884
	10	352.0927	50.024	89.3310	1.70	BORDE_VIA	1.45	332.6873	50.022	1387403.987	1039226.758	2.912
	11	5.3242	38.538	89.1503	1.70	POSTE	1.45	346.0748	38.535	1387396.944	1039240.438	3.026
	12	349.2501	49.217	88.3254	2.50	PARAMENTO	1.45	329.9468	49.201	1387402.128	1039225.071	2.969
	13	12.4855	13.375	88.4519	1.70	POSTE	1.45	353.3451	13.372	1387372.823	1039248.161	2.813
	14	338.5005	15.219	89.0035	1.70	CERRAMIENT	1.45	319.3645	15.217	1387371.089	1039239.801	2.785
	15	335.1515	14.324	88.5512	1.70	CERRAMIENT	1.45	315.7840	14.321	1387369.806	1039239.724	2.792
	16	330.5838	14.335	88.3654	1.70	CERRAMIENT	1.45	311.5070	14.331	1387369.039	1039238.979	2.868
	17	317.4557	17.034	88.2934	1.70	CERRAMIENT	1.45	298.2957	17.028	1387367.613	1039234.718	2.970
	18	22.3741	15.864	87.5823	1.70	PARAMENTO	1.45	3.1579	15.854	1387375.372	1039250.584	3.083
	19	314.3958	7.551	86.5604	1.70	PARAMENTO	1.45	295.1959	7.540	1387362.751	1039242.888	2.926
	20	52.2213	7.715	87.2425	1.70	PARAMENTO	1.45	32.9001	7.707	1387366.013	1039253.897	2.871
	21	121.3044	4.003	85.3934	1.70	POSTE	1.45	102.0420	3.992	1387358.709	1039253.615	2.825
	22	330.1027	13.646	88.5045	1.70	BORDE_VIA	1.45	310.7040	13.643	1387368.439	1039239.368	2.797
	23	5.1357	12.389	88.5044	1.70	BORDE_VIA	1.45	345.7623	12.386	1387371.548	1039246.665	2.772
	24	315.5246	16.056	88.5044	1.70	BORDE_VIA	1.45	296.4093	16.053	1387366.681	1039235.334	2.845
	25	26.3904	13.300	88.5931	1.70	BORDE_VIA	1.45	7.1809	13.298	1387372.735	1039251.373	2.756
	26	317.3427	9.724	88.1203	1.70	BORDE_VIA	1.45	298.1040	9.719	1387364.120	1039241.138	2.827
	27	328.2729	7.240	87.3417	1.70	BORDE_VIA	1.45	308.9879	7.233	1387364.092	1039244.089	2.829
	28	34.2634	9.162	88.3318	1.70	BORDE_VIA	1.45	14.9726	9.159	1387368.390	1039252.077	2.753
	29	9.2342	7.308	88.0201	1.70	BORDE_VIA	1.45	349.9248	7.304	1387366.733	1039248.433	2.773
	30	341.1538	13.104	88.5814	1.70	BORDE_VIA	1.45	321.7904	13.102	1387369.836	1039241.607	2.757
	31	13.4225	10.574	88.2847	1.70	MANHOLE	1.45	354.2368	10.570	1387370.058	1039248.650	2.803
	32	334.0612	11.463	88.4507	1.70	MANHOLE	1.45	314.6332	11.460	1387367.593	1039241.556	2.772



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	33	32.3443	5.307	87.0118	1.70	SUMIDERO	1.45	13.1084	5.300	1387364.703	1039250.913	2.798
	34	28.1916	3.926	86.1837	1.70	SUMIDERO	1.45	8.8509	3.918	1387363.413	1039250.314	2.775
	35	11.0630	12.487	89.3023	1.70	SUMIDERO	1.45	351.6382	12.487	1387371.895	1039247.895	2.630
	36	9.0811	12.149	89.3023	1.70	SUMIDERO	1.45	349.6662	12.149	1387371.493	1039247.532	2.627
	37	3.5353	49.154	89.1756	1.70	CERRAMIENT	1.45	344.4279	49.150	1387406.888	1039236.517	3.123
	38	13.3738	13.531	88.2900	1.70	CERRAMIENT	1.45	354.1570	13.526	1387372.997	1039248.334	2.880
	39	43.3759	17.048	89.0535	1.70	CERRAMIENT	1.45	24.1629	17.046	1387375.094	1039256.689	2.792
	40	36.3207	8.161	88.1211	1.70	CERRAMIENT	1.45	17.0651	8.157	1387367.339	1039252.105	2.778
	41	31.0250	6.162	89.5853	1.70	CERRAMIENT	1.45	11.5770	6.162	1387365.578	1039250.948	2.524
	42	32.2138	7.330	87.3714	1.70	CERRAMIENT	1.45	12.8904	7.324	1387366.681	1039251.345	2.826
	43	172.4729	24.094	92.5617	0.09	CERRAMIENT	1.45	153.3212	24.062	1387338.041	1039260.515	2.902
	44	191.1946	27.564	89.2346	1.70	PARAMENTO	1.45	171.8593	27.562	1387332.257	1039253.614	2.813
	45	188.4230	28.913	89.1742	1.70	BORDE_VIA	1.45	169.2382	28.911	1387331.139	1039255.110	2.878
	46	177.2841	28.428	89.2734	1.70	BORDE_VIA	1.45	158.0079	28.427	1387333.183	1039260.356	2.790
	47	191.1836	29.475	89.2258	1.70	BORDE_VIA	1.45	171.8398	29.473	1387330.367	1039253.895	2.840
	48	177.5327	34.048	89.2618	1.70	BORDE_VIA	1.45	158.4207	34.046	1387327.881	1039262.233	2.856
	49	191.1814	33.393	89.2618	1.70	BORDE_VIA	1.45	171.8337	33.391	1387326.489	1039254.454	2.849
	50	187.4019	33.232	89.1808	1.70	BORDE_VIA	1.45	168.2018	33.230	1387327.014	1039256.505	2.927
	51	187.5950	35.942	89.2623	1.70	POSTE	1.45	168.5270	35.940	1387324.319	1039256.860	2.873
	52	175.5754	31.617	89.2334	1.70	MANHOLE	1.45	156.4948	31.615	1387330.550	1039262.320	2.857
	53	174.1820	35.494	92.0200	0.09	POSTE	1.45	154.8354	35.472	1387327.436	1039264.794	2.878
	54	0.0000	64.810	89.4111	1.70	LINEAMIENT	1.45	340.5298	64.809	1387420.644	1039228.109	2.877
	55	0.0000	30.702	89.1657	1.70	LINEAMIENT	1.45	340.5298	30.700	1387388.486	1039239.478	2.906
	56	0.0000	7.939	88.1151	1.70	LINEAMIENT	1.45	340.5298	7.935	1387367.023	1039247.066	2.772
E11002-E11001	E11001	359.5959	101.314	90.0129	1.70	ESTACION	1.43	160.6587	101.315	1387263.944	1039283.266	3.097
	E11004	183.5520	64.472	89.5729	1.70	DELTA	1.43	164.5809	64.472	1387201.793	1039300.408	2.870
	E11006	0.5922	71.002	89.5650	1.70	DELTA	1.43	341.6482	71.002	1387331.335	1039260.911	2.888
	E11005	4.3630	28.728	89.4151	1.70	DELTA	1.43	345.2670	28.728	1387291.727	1039275.960	2.974
	57	188.5744	26.694	88.3731	1.70	MANHOLE	1.43	169.6209	26.686	1387237.694	1039288.074	3.463
	58	352.0539	64.647	89.3708	1.70	PARAMENTO	1.43	332.7529	64.646	1387321.417	1039253.670	3.253
	59	2.4926	64.732	89.5134	1.70	CERRAMIENT	1.43	343.4826	64.732	1387326.005	1039264.863	2.981
	60	4.3941	74.240	89.1438	2.50	PARAMENTO	1.43	345.3201	74.234	1387335.754	1039264.454	3.002
	61	5.2120	64.819	89.5753	1.70	PARAMENTO	1.43	346.0143	64.819	1387326.842	1039267.601	2.863
	62	3.1721	51.337	89.4322	1.70	CERRAMIENT	1.43	343.9479	51.336	1387313.279	1039269.071	3.071
	63	344.3236	33.195	89.1028	1.70	PARAMENTO	1.43	325.2020	33.192	1387291.200	1039264.324	3.301
	64	346.2355	26.875	89.3533	1.70	SUMIDERO	1.43	327.0573	26.874	1387286.497	1039268.652	3.014



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	65	346.5303	26.232	89.3931	1.70	SUMIDERO	1.43	327.5429	26.232	1387286.078	1039269.189	2.979
	66	345.2813	27.559	89.3932	1.70	MANHOLE	1.43	326.1290	27.559	1387286.826	1039267.907	2.987
	67	351.1719	29.051	89.2803	1.70	BORDE_VIA	1.43	331.9473	29.050	1387289.581	1039269.605	3.093
	68	350.0752	25.656	89.2425	1.70	BORDE_VIA	1.43	330.7898	25.655	1387286.336	1039270.746	3.088
	69	339.0709	27.483	89.3338	1.70	BORDE_VIA	1.43	319.7779	27.482	1387284.928	1039265.519	3.033
	70	341.4150	30.168	89.3338	1.70	BORDE_VIA	1.43	322.3559	30.167	1387287.831	1039264.841	3.054
	71	10.4131	32.563	89.2603	1.70	PARAMENTO	1.43	351.3507	32.561	1387296.135	1039278.369	3.144
	72	3.0416	28.808	89.3839	1.70	BORDE_VIA	1.43	343.7298	28.807	1387291.598	1039275.195	3.002
	73	3.5505	24.854	89.3207	1.70	BORDE_VIA	1.43	344.5768	24.853	1387287.902	1039276.657	3.024
	74	13.3139	26.039	89.4826	1.70	BORDE_VIA	1.43	354.1862	26.039	1387289.849	1039280.629	2.910
	75	12.5938	29.576	89.4151	1.70	BORDE_VIA	1.43	353.6526	29.576	1387293.338	1039279.996	2.979
	76	338.3014	24.201	88.2645	1.70	PARAMENTO	1.43	319.1626	24.192	1387282.247	1039267.447	3.479
	77	7.0059	30.279	89.3654	1.70	POSTE	1.43	347.6751	30.278	1387293.525	1039276.803	3.026
	78	318.2820	7.486	87.4053	1.70	POSTE	1.43	299.1309	7.480	1387267.585	1039276.732	3.126
	79	6.2936	33.013	89.2814	1.70	POSTE	1.43	347.1520	33.012	1387296.129	1039275.926	3.128
	80	8.2550	27.712	89.4751	1.70	MANHOLE	1.43	349.0893	27.712	1387291.155	1039278.021	2.921
	81	14.5708	23.294	89.0351	1.70	PARAMENTO	1.43	355.6109	23.291	1387287.167	1039281.484	3.203
	82	11.2450	17.838	88.4922	1.70	POSTE	1.43	352.0726	17.834	1387281.608	1039280.807	3.189
	83	32.0634	6.710	85.4006	1.70	POSTE	1.43	12.7682	6.691	1387270.469	1039284.745	3.330
	84	220.2120	13.783	88.0903	1.70	PARAMENTO	1.43	201.0143	13.776	1387251.085	1039278.326	3.267
	85	150.1527	12.172	86.5708	1.70	PARAMENTO	1.43	130.9162	12.155	1387255.983	1039292.451	3.470
	86	163.4331	12.172	88.0240	1.70	POSTE	1.43	144.3840	12.165	1387254.055	1039290.350	3.238
	87	219.5621	13.055	88.2807	1.70	BORDE_VIA	1.43	200.5979	13.050	1387251.728	1039278.675	3.172
	88	195.0944	17.723	88.0019	1.70	BORDE_VIA	1.43	175.8209	17.712	1387246.279	1039284.557	3.440
	89	174.4750	16.902	88.1721	1.70	BORDE_VIA	1.43	155.4559	16.894	1387248.576	1039290.284	3.327
	90	168.5835	14.135	87.5632	1.70	CAJ_ENE	1.43	149.6351	14.126	1387251.756	1039290.407	3.330
	91	171.1348	14.024	88.0105	1.70	CAJ_ENE	1.43	151.8887	14.016	1387251.582	1039289.870	3.308
	92	170.5200	13.253	87.5102	1.70	CAJ_ENE	1.43	151.5254	13.244	1387252.303	1039289.580	3.320
	93	151.5352	19.034	88.2130	1.70	BORDE_VIA	1.43	132.5565	19.026	1387251.076	1039297.281	3.368
	94	172.4902	28.834	89.0517	1.70	POSTE	1.43	153.4759	28.830	1387238.148	1039296.141	3.282
	95	167.5356	31.352	89.0503	1.70	PARAMENTO	1.43	148.5576	31.348	1387237.199	1039299.619	3.324
	96	153.3030	34.370	88.5506	1.70	PARAMENTO	1.43	134.1670	34.364	1387240.001	1039307.916	3.472
	97	210.0603	33.295	88.5812	1.70	LINDERO	1.43	190.7595	33.290	1387231.240	1039277.051	3.421
	98	157.1443	26.269	88.5200	1.70	BORDE_VIA	1.43	137.9040	26.264	1387244.456	1039300.873	3.342
	99	197.1053	30.296	89.0410	1.70	LINDERO	1.43	177.8401	30.292	1387233.674	1039284.408	3.315
	100	176.2028	24.279	88.5132	1.70	BORDE_VIA	1.43	156.9998	24.274	1387241.600	1039292.751	3.306



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	101	191.2629	33.684	89.2652	1.70	BORDE_VIA	1.43	172.1001	33.682	1387230.581	1039287.896	3.147
	102	179.3337	33.615	89.1315	1.70	BORDE_VIA	1.43	160.2190	33.612	1387232.316	1039294.641	3.280
	103	195.3120	24.920	88.3228	1.70	BORDE_VIA	1.43	176.1809	24.912	1387239.088	1039284.925	3.457
	104	210.4550	27.848	88.4235	1.70	BORDE_VIA	1.43	191.4226	27.841	1387236.655	1039277.752	3.450
	105	199.4419	15.630	88.4056	1.70	MANHOLE	1.43	180.3973	15.626	1387248.319	1039283.158	3.182
	106	0.0001	80.886	89.5837	1.70	LINEAMIENT	1.43	340.6590	80.886	1387340.265	1039256.478	2.855
	107	0.0001	61.248	89.4733	1.70	LINEAMIENT	1.43	340.6590	61.248	1387321.735	1039262.982	3.045
	108	0.0001	41.210	89.3821	1.70	LINEAMIENT	1.43	340.6590	41.209	1387302.828	1039269.618	3.082
	109	0.0001	18.239	89.0659	1.70	LINEAMIENT	1.43	340.6590	18.237	1387281.152	1039277.226	3.104
E11004-E11002	E11002	0.0000	64.480	89.3329	1.70	ESTACION	1.44	164.5809	64.472	1387201.793	1039300.408	2.870
	E11007	127.2313	6.539	88.0811	1.70	DELTA	1.44	111.9679	6.536	1387199.348	1039306.469	2.822
	110	194.1553	6.206	86.5054	1.70	MANHOLE	1.44	178.8457	6.197	1387195.597	1039300.533	2.950
	111	6.3736	49.424	89.0928	1.70	VALVULA	1.44	351.2076	49.419	1387250.631	1039292.854	3.335
	112	236.2652	5.485	87.1527	1.70	PARAMENTO	1.44	221.0287	5.479	1387197.660	1039296.811	2.871
	113	338.4037	14.925	87.5628	1.70	PARAMENTO	1.44	323.2579	14.915	1387213.745	1039291.485	3.145
	114	153.5314	6.318	88.3018	1.70	PARAMENTO	1.44	138.4682	6.316	1387197.065	1039304.595	2.774
	115	345.3037	14.606	88.1152	1.70	POSTE	1.44	330.0912	14.599	1387214.447	1039293.129	3.068
	116	44.1544	14.085	88.2514	1.70	PARAMENTO	1.44	28.8432	14.080	1387214.126	1039307.200	2.997
	117	22.1653	24.513	88.4643	1.70	PARAMENTO	1.44	6.8623	24.507	1387226.125	1039303.336	3.131
	118	36.5601	16.273	88.3829	1.70	PARAMENTO	1.44	21.5145	16.268	1387216.928	1039306.374	2.995
	119	49.4011	10.703	89.0143	1.70	PARAMENTO	1.44	34.2507	10.701	1387210.638	1039306.431	2.790
	120	107.2226	9.554	82.4451	1.70	PARAMENTO	1.44	91.9548	9.478	1387201.469	1039309.880	3.815
	121	310.2757	2.449	82.3355	1.70	BORDE_VIA	1.44	295.0468	2.428	1387202.821	1039298.208	2.926
	122	60.2319	2.688	84.2704	1.70	BORDE_VIA	1.44	44.9695	2.675	1387203.685	1039302.299	2.869
	123	0.0000	55.971	89.3124	1.70	LINEAMIENT	1.44	344.5809	55.969	1387255.747	1039285.527	3.075
	124	0.0000	47.849	89.0801	1.70	LINEAMIENT	1.44	344.5809	47.844	1387247.914	1039287.687	3.332
	125	0.0000	47.300	88.5829	1.70	LINEAMIENT	1.44	344.5809	47.292	1387247.383	1039287.834	3.455
	126	0.0000	40.497	88.4544	1.70	LINEAMIENT	1.44	344.5809	40.488	1387240.823	1039289.643	3.484
	127	0.0000	40.205	89.0106	1.70	LINEAMIENT	1.44	344.5809	40.199	1387240.545	1039289.720	3.298
	128	0.0000	38.174	89.0106	1.70	LINEAMIENT	1.44	344.5809	38.168	1387238.587	1039290.260	3.263
	129	0.0000	32.828	88.5655	1.70	LINEAMIENT	1.44	344.5809	32.822	1387233.434	1039291.681	3.211
	130	0.0000	17.173	88.3804	1.70	LINEAMIENT	1.44	344.5809	17.168	1387218.343	1039295.843	3.018
	131	0.0000	6.179	86.4830	1.70	LINEAMIENT	1.44	344.5809	6.169	1387207.740	1039298.767	2.953
	132	0.0000	2.607	85.1236	1.70	LINEAMIENT	1.44	344.5809	2.598	1387204.297	1039299.717	2.827
E11007-E11004	E11004	0.0000	6.554	87.1811	1.70	ESTACION	1.44	111.9679	6.536	1387199.348	1039306.469	2.822
	E11008	151.5701	76.746	89.2547	1.70	DELTA	1.44	83.9182	76.742	1387207.479	1039382.779	3.328



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	133	327.5313	12.384	88.5323	1.70	PARAMENTO	1.44	259.8548	12.382	1387197.167	1039294.281	2.805
	134	302.1747	13.676	88.5323	1.70	PARAMENTO	1.44	234.2643	13.673	1387191.362	1039295.370	2.830
	135	141.2146	12.932	87.3941	1.70	PARAMENTO	1.44	73.3307	12.921	1387203.054	1039318.847	3.092
	136	154.2016	17.970	88.3835	1.70	PARAMENTO	1.44	86.3057	17.965	1387200.505	1039324.396	2.990
	137	0.0000	6.009	87.2731	1.70	LINEAMIENTO	1.44	291.9679	6.003	1387201.593	1039300.902	2.831
	138	0.0000	5.293	87.4914	1.70	LINEAMIENTO	1.44	291.9679	5.289	1387201.326	1039301.564	2.766
	139	0.0000	2.284	83.4528	1.70	LINEAMIENTO	1.44	291.9679	2.270	1387200.197	1039304.363	2.813
E11008-E11007	E11007	0.0000	76.755	90.1146	1.70	ESTACION	1.45	83.9182	76.742	1387207.479	1039382.779	3.328
	E11009	268.3315	35.284	89.1546	1.70	DELTA	1.45	172.4723	35.281	1387172.502	1039387.401	3.527
	140	355.2559	52.531	87.2634	4.00	POSTE	1.45	259.3512	52.479	1387197.781	1039331.204	3.117
	141	354.0724	58.669	89.3349	1.70	PARAMENTO	1.45	258.0415	58.667	1387195.323	1039325.385	3.520
	142	1.1412	53.086	89.5708	1.70	BORDE_VIA	1.45	265.1548	53.086	1387202.995	1039329.883	3.118
	143	358.3136	53.324	90.0121	1.70	BORDE_VIA	1.45	262.4448	53.324	1387200.467	1039329.918	3.052
	144	4.0825	31.132	89.4954	1.70	PARAMENTO	1.45	268.0584	31.132	1387206.424	1039351.665	3.165
	145	5.4306	26.039	89.4955	1.70	PARAMENTO	1.45	269.6365	26.039	1387207.313	1039356.741	3.150
	146	351.2612	34.220	89.4955	1.70	PARAMENTO	1.45	255.3548	34.220	1387198.827	1039349.671	3.174
	147	352.1834	33.891	89.4955	1.70	POSTE	1.45	256.2276	33.891	1387199.410	1039349.863	3.173
	148	350.3921	28.880	89.4251	1.70	PARAMENTO	1.45	254.5740	28.880	1387199.797	1039354.940	3.217
	149	349.5727	23.451	88.0408	1.70	PARAMENTO	1.45	253.8757	23.438	1387200.969	1039360.263	3.864
	150	64.0957	7.115	86.5807	1.70	PARAMENTO	1.45	328.0840	7.105	1387213.510	1039379.023	3.450
	151	307.4532	3.982	85.3344	1.70	PARAMENTO	1.45	211.6770	3.970	1387204.100	1039380.694	3.382
	152	70.4704	5.765	87.1801	1.70	POSTE	1.45	334.7026	5.759	1387212.685	1039380.318	3.345
	153	125.5945	3.089	83.1816	1.70	MANHOLE	1.45	29.9140	3.068	1387210.138	1039384.309	3.434
	154	69.1839	11.675	88.0750	1.70	PARAMENTO	1.45	333.2290	11.669	1387217.897	1039377.523	3.454
	155	106.5707	17.735	88.5621	1.70	POSTE	1.45	10.8701	17.732	1387224.892	1039386.123	3.402
	156	78.2650	27.432	88.3827	1.70	POSTE	1.45	342.3654	27.424	1387233.614	1039374.471	3.724
	157	84.4432	28.640	88.5949	1.70	BORDE_VIA	1.45	348.6604	28.636	1387235.555	1039377.149	3.575
	158	92.1431	29.409	89.0825	1.70	BORDE_VIA	1.45	356.1601	29.406	1387236.818	1039380.810	3.515
	159	90.2420	5.394	87.4000	1.70	BORDE_VIA	1.45	354.3237	5.390	1387212.842	1039382.246	3.293
	160	126.2029	7.471	87.0747	1.70	BORDE_VIA	1.45	30.2595	7.462	1387213.924	1039386.539	3.448
	161	149.0353	9.178	86.4323	1.70	POSTE	1.45	52.9829	9.163	1387212.995	1039390.095	3.598
	162	149.5454	10.391	82.5505	1.70	PARAMENTO	1.45	53.8332	10.312	1387213.564	1039391.104	4.354
	163	108.0009	17.613	85.4438	2.60	LINDERO	1.45	11.9207	17.564	1387224.664	1039386.407	3.481
	164	272.2021	2.398	86.0854	1.70	BORDE_VIA	1.45	176.2573	2.393	1387205.091	1039382.935	3.234
	165	200.0913	14.150	84.1947	1.70	PARAMENTO	1.45	104.0718	14.081	1387204.055	1039396.437	4.471
	166	201.5834	13.770	84.2653	1.70	PARAMENTO	1.45	105.8943	13.705	1387203.725	1039395.961	4.406



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	167	212.5514	16.577	88.1509	1.70	PARAMENTO	1.45	116.8387	16.569	1387199.998	1039397.564	3.579
	168	226.4359	14.920	87.2939	1.90	LINDERO	1.45	130.6512	14.906	1387197.768	1039394.088	3.526
	169	275.2529	4.045	88.3309	1.70	SUMIDERO	1.45	179.3429	4.044	1387203.435	1039382.825	3.176
	170	0.0000	63.666	90.1118	1.70	LINEAMIENTO	1.45	263.9182	63.666	1387200.733	1039319.472	2.864
	171	0.0000	39.596	89.4835	1.70	LINEAMIENTO	1.45	263.9182	39.596	1387203.283	1039343.406	3.205
	172	0.0000	17.891	89.4835	1.70	LINEAMIENTO	1.45	263.9182	17.891	1387205.583	1039364.989	3.133
	173	0.0000	4.885	88.4231	1.70	LINEAMIENTO	1.45	263.9182	4.884	1387206.961	1039377.923	3.183
	174	0.0000	2.918	83.3049	1.70	LINEAMIENTO	1.45	263.9182	2.899	1387207.171	1039379.896	3.403
	175	0.0000	1.711	83.3128	1.70	LINEAMIENTO	1.45	263.9182	1.700	1387207.298	1039381.089	3.266
E11009-E11008	E11008	0.0000	35.283	89.5220	1.70	ESTACION	1.43	172.4723	35.281	1387172.502	1039387.401	3.527
	E11010	222.3438	7.974	88.5441	1.70	DELTA	1.43	215.0495	7.973	1387165.975	1039382.823	3.412
	176	354.5936	26.218	89.5813	1.70	CERRAMIENT	1.43	347.4657	26.218	1387198.095	1039381.711	3.274
	177	332.3455	3.690	84.5123	1.70	CERRAMIENT	1.43	325.0543	3.675	1387175.514	1039385.296	3.591
	178	358.3103	26.141	89.5518	1.70	CERRAMIENT	1.43	350.9898	26.141	1387198.320	1039383.307	3.296
	179	278.4541	2.817	83.0921	1.70	CERRAMIENT	1.43	271.2337	2.797	1387172.562	1039384.605	3.596
	180	359.0647	25.434	91.5559	0.09	CERRAMIENT	1.43	351.5854	25.420	1387197.647	1039383.681	4.017
	181	258.1231	4.568	75.3217	2.50	CERRAMIENT	1.43	250.6809	4.423	1387171.038	1039383.227	3.601
	182	57.4653	15.997	89.3648	1.70	LINDERO	1.43	50.2537	15.997	1387182.730	1039399.701	3.368
	183	277.4412	4.455	82.2655	1.70	PARAMENTO	1.43	270.2090	4.416	1387172.518	1039382.985	3.846
	184	69.1032	23.631	89.3928	1.70	LINDERO	1.43	61.6479	23.631	1387183.723	1039408.197	3.402
	185	73.1159	27.305	89.4645	1.70	BORDE_VIA	1.43	65.6720	27.305	1387183.750	1039412.281	3.366
	186	83.5808	27.687	89.5932	1.70	BORDE_VIA	1.43	76.4412	27.687	1387178.993	1039414.316	3.264
	187	43.5543	10.086	88.1215	1.70	BORDE_VIA	1.43	36.4009	10.081	1387180.616	1039393.383	3.576
	188	72.1640	11.853	89.0846	1.70	BORDE_VIA	1.43	64.7501	11.852	1387177.557	1039398.120	3.437
	189	97.5424	11.121	89.2655	1.70	BORDE_VIA	1.43	90.3790	11.120	1387172.428	1039398.521	3.367
	190	77.5627	15.139	89.2655	1.70	BORDE_VIA	1.43	70.4132	15.138	1387177.576	1039401.663	3.406
	191	96.4927	16.031	90.1346	1.70	POSTE	1.43	89.2965	16.031	1387172.698	1039403.431	3.196
	192	122.4653	13.794	92.5334	1.70	CERRAMIENT	1.43	115.2537	13.776	1387166.624	1039399.861	2.564
	193	168.4400	6.012	85.1337	1.70	MANHOLE	1.43	161.2057	5.991	1387166.830	1039389.331	3.761
	194	94.5130	25.328	89.5433	1.70	CERRAMIENT	1.43	87.3307	25.328	1387173.681	1039412.702	3.301
	195	91.5110	27.651	89.3122	1.70	CERRAMIENT	1.43	84.3251	27.650	1387175.236	1039414.916	3.491
	196	153.2147	7.159	89.2758	1.70	ARBOL	1.43	145.8354	7.159	1387166.578	1039391.421	3.327
	197	165.4134	8.226	91.4307	1.70	ARBOL	1.43	158.1651	8.222	1387164.869	1039390.459	3.014
	198	187.0320	7.737	89.2100	1.70	ARBOL	1.43	179.5279	7.737	1387164.765	1039387.465	3.348
	199	11.5304	10.403	88.0812	1.70	BORDE_VIA	1.43	4.3568	10.397	1387182.869	1039388.191	3.599
	200	11.2750	3.255	84.3700	1.70	BORDE_VIA	1.43	3.9362	3.241	1387175.735	1039387.624	3.566



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	201	230.1723	3.035	85.1201	1.70	BORDE_VIA	1.43	222.7620	3.024	1387170.281	1039385.348	3.514
	202	130.4928	5.478	88.1046	1.70	BORDE_VIA	1.43	123.2968	5.475	1387169.496	1039391.977	3.434
	203	121.2856	9.617	94.2842	1.70	ESTRUCTURA	1.43	113.9545	9.588	1387168.609	1039396.163	2.509
	204	123.2555	9.896	94.2629	1.70	ESTRUCTURA	1.43	115.9043	9.866	1387168.191	1039396.276	2.494
	205	119.4950	10.947	93.4711	1.70	ESTRUCTURA	1.43	112.3029	10.923	1387168.356	1039397.507	2.537
	206	117.5543	10.896	93.4712	1.70	ESTRUCTURA	1.43	110.4009	10.872	1387168.712	1039397.591	2.541
	207	119.4154	11.207	93.4303	1.70	ESTRUCTURA	1.43	112.1707	11.183	1387168.281	1039397.758	2.534
	208	119.1346	11.274	93.2135	1.70	ESTRUCTURA	1.43	111.7018	11.255	1387168.340	1039397.858	2.600
	209	120.0706	11.331	91.3224	1.70	ESTRUCTURA	1.43	112.5907	11.327	1387168.150	1039397.859	2.956
	210	119.5713	11.408	91.3224	1.70	ESTRUCTURA	1.43	112.4259	11.404	1387168.151	1039397.943	2.954
	211	124.4134	13.874	93.0756	1.70	ESTRUCTURA	1.43	117.1651	13.853	1387166.177	1039399.726	2.502
	212	124.4340	14.737	93.0756	1.70	ESTRUCTURA	1.43	117.2001	14.715	1387165.775	1039400.489	2.455
	213	129.4711	14.561	93.3310	1.70	ESTRUCTURA	1.43	122.2587	14.533	1387164.745	1039399.691	2.358
	214	129.5220	13.826	93.3310	1.70	ESTRUCTURA	1.43	122.3445	13.799	1387165.119	1039399.059	2.404
	215	124.0223	13.976	92.1703	1.70	ESTRUCTURA	1.43	116.5120	13.965	1387166.268	1039399.897	2.703
	216	124.2947	13.946	92.1304	1.70	ESTRUCTURA	1.43	116.9687	13.936	1387166.182	1039399.821	2.721
	217	123.5815	13.861	91.1857	1.70	ESTRUCTURA	1.43	116.4432	13.857	1387166.331	1039399.809	2.942
	218	124.3020	13.837	91.1857	1.70	ESTRUCTURA	1.43	116.9779	13.833	1387166.226	1039399.729	2.943
	219	123.0343	12.558	96.5455	1.70	TUBO	1.43	115.5343	12.467	1387167.128	1039398.650	1.748
	220	127.0229	12.255	97.0739	1.70	DESC_CLAVE	1.43	119.5137	12.160	1387166.511	1039397.983	1.740
	221	127.3804	12.371	100.5244	1.70	DESC_BATEA	1.43	120.1068	12.149	1387166.408	1039397.911	0.926
	222	128.1749	12.789	98.1231	2.00	BORDE_CANO	1.43	120.7693	12.658	1387166.026	1039398.277	1.134
	223	126.5237	11.449	99.2947	2.00	BORDE_CANO	1.43	119.3493	11.292	1387166.967	1039397.244	1.071
	224	142.2905	11.431	99.5448	2.00	BORDE_CANO	1.43	134.9570	11.260	1387164.545	1039395.369	0.992
	225	143.2220	12.828	98.3504	2.00	BORDE_CANO	1.43	135.8445	12.684	1387163.401	1039396.237	1.046
	226	153.2606	12.435	99.2816	2.00	BORDE_CANO	1.43	145.9073	12.265	1387162.344	1039394.276	0.914
	227	151.2837	13.493	98.5937	2.00	BORDE_CANO	1.43	143.9493	13.327	1387161.727	1039395.244	0.851
	228	160.2243	14.723	98.1047	2.00	BORDE_CANO	1.43	152.8509	14.573	1387159.534	1039394.051	0.866
	229	153.4620	17.099	96.5012	2.00	BORDE_CANO	1.43	146.2445	16.977	1387158.386	1039396.835	0.925
	230	169.3727	14.738	97.5000	2.00	BORDE_CANO	1.43	162.0965	14.600	1387158.608	1039391.889	0.952
E11009-E11008	E11008	0.0000	35.281	89.5240	1.70	ESTACION	1.43	172.4723	35.281	1387172.502	1039387.401	3.527
	E11010	222.3428	7.973	88.5245	1.70	DELTA	1.43	215.0468	7.971	1387165.975	1039382.824	3.416
	231	132.0943	13.998	97.1446	1.70	TERRENO	1.43	124.6343	13.886	1387164.610	1039398.827	1.495
	232	130.3156	10.984	99.5045	1.70	TERRENO	1.43	123.0045	10.822	1387166.607	1039396.477	1.382
	233	144.2325	14.615	97.2850	1.70	TERRENO	1.43	136.8626	14.491	1387161.928	1039397.309	1.358
	234	146.5042	10.584	99.0802	1.70	TERRENO	1.43	139.3173	10.450	1387164.577	1039394.213	1.580



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	235	149.4958	16.337	97.0757	1.70	TERRENO	1.43	142.3051	16.211	1387159.674	1039397.313	1.232
	236	147.3123	9.020	97.2549	1.70	TERRENO	1.43	139.9954	8.944	1387165.650	1039393.151	2.094
	237	146.5221	19.458	95.4854	1.70	TERRENO	1.43	139.3448	19.358	1387157.816	1039400.013	1.289
	238	126.4630	9.511	97.2723	1.70	TERRENO	1.43	119.2473	9.431	1387167.894	1039395.629	2.026
	239	147.0841	22.779	94.3937	1.70	TERRENO	1.43	139.6170	22.704	1387155.207	1039402.111	1.410
	240	125.5544	9.066	95.1101	1.70	TERRENO	1.43	118.4012	9.029	1387168.207	1039395.343	2.441
	241	136.1913	22.816	90.5817	1.70	TERRENO	1.43	128.7926	22.813	1387158.209	1039405.182	2.874
	242	146.2537	8.484	94.3937	1.70	TERRENO	1.43	138.8993	8.456	1387166.130	1039392.960	2.571
	243	130.1516	23.961	89.0102	1.70	TERRENO	1.43	122.7268	23.957	1387159.549	1039407.556	3.671
	244	126.3221	19.821	89.5632	1.70	TERRENO	1.43	119.0115	19.821	1387162.889	1039404.735	3.280
	245	125.5830	16.512	92.1954	1.70	TERRENO	1.43	118.4473	16.498	1387164.643	1039401.907	2.589
	246	147.4428	7.214	90.2706	1.70	TERRENO	1.43	140.2134	7.214	1387166.958	1039392.017	3.204
	247	119.0542	6.529	90.0741	1.70	TERRENO	1.43	111.5673	6.529	1387170.102	1039393.473	3.246
	248	111.5535	13.422	90.5953	1.70	TERRENO	1.43	104.3987	13.420	1387169.164	1039400.400	3.027
	249	109.0336	9.374	90.1326	1.70	TERRENO	1.43	101.5323	9.374	1387170.628	1039396.586	3.224
	250	0.0001	26.428	89.5504	1.70	LINEAMIENTO	1.43	352.4726	26.428	1387198.702	1039383.939	3.298
	251	0.0001	25.789	88.4822	1.70	LINEAMIENTO	1.43	352.4726	25.783	1387198.063	1039384.023	3.798
	252	0.0001	24.876	88.0124	1.70	LINEAMIENTO	1.43	352.4726	24.861	1387197.149	1039384.144	4.118
	253	0.0001	24.089	88.1935	1.70	LINEAMIENTO	1.43	352.4726	24.079	1387196.373	1039384.247	3.964
	254	0.0002	22.084	88.5945	1.70	LINEAMIENTO	1.43	352.4729	22.081	1387194.392	1039384.509	3.647
	255	0.0000	22.089	88.5945	1.70	LINEAMIENTO	1.43	352.4723	22.086	1387194.397	1039384.508	3.648
	256	0.0000	17.402	88.1224	1.70	LINEAMIENTO	1.43	352.4723	17.393	1387189.745	1039385.122	3.805
	257	0.0000	10.429	87.4718	1.70	LINEAMIENTO	1.43	352.4723	10.421	1387182.833	1039386.036	3.663
	258	0.0000	3.262	83.2508	1.70	LINEAMIENTO	1.43	352.4723	3.241	1387175.714	1039386.977	3.634
E11010-E11009	E11009	0.0000	7.979	87.2109	1.70	ESTACION	1.45	215.0495	7.973	1387165.975	1039382.823	3.412
	E11011	227.0041	82.388	90.2124	1.70	DELTA	1.45	262.0609	82.386	1387154.596	1039301.226	2.649
	259	95.3957	21.233	96.0712	1.70	BORDE_CANO	1.45	130.7154	21.112	1387152.203	1039398.825	0.898
	260	113.1837	8.702	102.3020	1.70	BORDE_CANO	1.45	148.3598	8.496	1387158.742	1039387.279	1.278
	261	91.4219	17.257	96.4023	1.70	BORDE_CANO	1.45	126.7548	17.140	1387155.718	1039396.555	1.157
	262	147.4403	10.041	100.3208	1.70	BORDE_CANO	1.45	182.7837	9.872	1387156.115	1039382.343	1.326
	263	92.5217	14.751	98.3712	1.70	BORDE_CANO	1.45	127.9209	14.584	1387157.012	1039394.328	0.951
	264	171.5928	15.575	94.2314	2.60	BORDE_CANO	1.45	207.0407	15.529	1387152.143	1039375.763	1.070
	265	113.4207	11.925	97.0442	2.00	BORDE_CANO	1.45	148.7515	11.834	1387155.857	1039388.962	1.392
	266	189.3331	23.124	92.2706	2.60	BORDE_CANO	1.45	224.6082	23.103	1387149.527	1039366.598	1.273
	267	164.5248	18.448	93.5454	2.60	BORDE_CANO	1.45	199.9295	18.405	1387148.672	1039376.549	1.002
	268	177.2608	23.878	93.1151	2.60	BORDE_CANO	1.45	212.4851	23.841	1387145.864	1039370.018	0.930



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	269	201.5220	21.129	90.3525	1.70	TERRENO	1.45	236.9218	21.128	1387154.444	1039365.119	2.944
	270	169.2733	22.323	91.5718	1.70	TERRENO	1.45	204.5087	22.310	1387145.675	1039373.568	2.400
	271	170.4047	22.238	93.1733	1.70	TERRENO	1.45	205.7293	22.201	1387145.975	1039373.185	1.885
	272	189.3637	12.821	91.0527	1.70	TERRENO	1.45	224.6598	12.819	1387156.857	1039373.812	2.918
	273	150.3950	18.163	93.1612	1.70	TERRENO	1.45	185.7134	18.133	1387147.931	1039381.017	2.126
	274	165.5620	8.187	94.1857	1.70	TERRENO	1.45	200.9884	8.164	1387158.353	1039379.898	2.546
	275	150.4807	17.222	95.2154	1.70	TERRENO	1.45	185.8515	17.147	1387148.918	1039381.074	1.552
	276	109.0307	4.808	89.4716	1.70	TERRENO	1.45	144.1015	4.808	1387162.080	1039385.642	3.180
	277	252.4127	8.626	87.1537	1.70	MANHOLE	1.45	287.7404	8.616	1387168.600	1039374.616	3.574
	278	251.0528	10.699	87.5410	1.70	POSTE	1.45	286.1407	10.692	1387168.947	1039372.552	3.553
	279	156.0957	4.215	88.1801	1.70	ARBOL	1.45	191.2154	4.213	1387161.842	1039382.003	3.287
	280	182.0942	7.839	88.5141	1.70	ARBOL	1.45	217.2112	7.837	1387159.733	1039378.083	3.318
	281	242.4517	20.896	86.4000	2.50	CERRAMIENT	1.45	277.8043	20.861	1387168.807	1039362.155	3.577
	282	243.4226	21.094	85.4727	2.50	CERRAMIENT	1.45	278.7568	21.037	1387169.177	1039362.031	3.910
	283	196.5529	11.168	89.4037	1.70	ARBOL	1.45	231.9743	11.168	1387159.095	1039374.025	3.225
	284	238.5537	29.068	86.5715	2.50	CERRAMIENT	1.45	273.9765	29.027	1387167.988	1039353.866	3.906
	285	241.4245	29.347	86.5715	2.50	PARAMENTO	1.45	276.7620	29.306	1387169.425	1039353.721	3.921
	286	205.1417	16.454	89.4640	1.70	ARBOL	1.45	240.2876	16.454	1387157.819	1039368.532	3.226
	287	239.2053	34.352	88.2602	2.50	PARAMENTO	1.45	274.3976	34.339	1387168.608	1039348.584	3.301
	288	213.0852	26.595	90.1846	1.70	ARBOL	1.45	248.1973	26.595	1387156.097	1039358.130	3.017
	289	216.0312	29.392	90.0804	1.70	ARBOL	1.45	251.1029	29.392	1387156.456	1039355.015	3.093
	290	233.0623	52.178	90.0332	1.70	POSTE	1.45	268.1559	52.178	1387164.296	1039330.672	3.108
	291	204.1827	8.432	89.0341	1.70	BORDE_VIA	1.45	239.3570	8.431	1387161.678	1039375.569	3.300
	292	243.1212	7.944	87.2514	1.70	BORDE_VIA	1.45	278.2529	7.936	1387167.114	1039374.969	3.519
	293	231.0542	51.770	90.0707	1.70	BORDE_VIA	1.45	266.1445	51.770	1387162.494	1039331.170	3.055
	294	225.0500	52.466	90.1753	1.70	BORDE_VIA	1.45	260.1329	52.465	1387156.984	1039331.133	2.889
	295	222.1208	52.888	90.1753	1.70	ARBOL	1.45	257.2518	52.887	1387154.304	1039331.239	2.887
	296	0.0001	6.172	86.4810	1.70	LINEAMIENT	1.45	35.0498	6.162	1387171.020	1039386.362	3.506
	297	0.0001	2.609	83.4215	1.70	LINEAMIENT	1.45	35.0498	2.593	1387168.098	1039384.312	3.448
E11011-E11010	E11010	0.0000	82.394	89.1759	1.70	ESTACION	1.47	262.0609	82.386	1387154.596	1039301.226	2.649
	E11012	183.0923	97.580	89.4546	1.70	DELTA	1.47	265.2173	97.579	1387146.460	1039203.986	2.820
	298	340.2531	21.098	87.3613	1.70	PARAMENTO	1.47	62.4862	21.080	1387164.334	1039319.921	3.298
	299	339.0038	21.130	88.1526	1.70	PARAMENTO	1.47	61.0715	21.120	1387164.812	1039319.711	3.059
	300	331.4522	15.939	87.1725	1.70	PARAMENTO	1.47	53.8170	15.921	1387163.995	1039314.076	3.170
	301	329.3749	16.167	87.3110	1.70	PARAMENTO	1.47	51.6912	16.152	1387164.608	1039313.900	3.116
	302	231.4614	10.472	87.3847	1.70	PARAMENTO	1.47	313.8315	10.463	1387161.842	1039293.678	2.846



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	303	234.2907	11.334	87.2542	1.70	PARAMENTO	1.47	316.5462	11.323	1387162.815	1039293.438	2.925
	304	221.4648	13.598	88.0335	1.70	PARAMENTO	1.47	303.8409	13.590	1387162.164	1039289.938	2.876
	305	192.5622	37.530	88.4443	1.70	PARAMENTO	1.47	275.0004	37.521	1387157.866	1039263.848	3.238
	306	218.3751	10.338	87.3905	1.70	POSTE	1.47	300.6918	10.329	1387159.868	1039292.343	2.840
	307	334.5351	12.616	86.5905	1.70	MANHOLE	1.47	56.9584	12.599	1387161.465	1039311.787	3.080
	308	349.3237	11.015	86.3138	1.70	MANHOLE	1.47	71.6045	10.995	1387158.065	1039311.659	3.083
	309	326.0616	13.766	87.3125	1.70	DES_DOMICI	1.47	48.1654	13.753	1387163.769	1039311.473	3.011
	310	323.5735	13.133	87.3125	1.70	DES_DOMICI	1.47	46.0207	13.121	1387163.707	1039310.667	2.983
	311	325.5318	12.819	87.2337	1.70	DES_DOMICI	1.47	47.9493	12.806	1387163.173	1039310.735	2.999
	312	324.3353	12.978	88.1007	1.70	TUBO	1.47	46.6257	12.971	1387163.504	1039310.654	2.831
	313	322.3721	12.273	88.0646	1.70	DESC_CLAVE	1.47	44.6834	12.266	1387163.317	1039309.851	2.820
	314	322.2209	12.189	90.4333	1.70	DESC_BATEA	1.47	44.4301	12.188	1387163.299	1039309.758	2.262
	315	323.5859	11.360	88.3629	1.70	ESTRUCTURA	1.47	46.0440	11.357	1387162.478	1039309.401	2.692
	316	321.4353	11.753	88.3630	1.70	ESTRUCTURA	1.47	43.7923	11.750	1387163.077	1039309.357	2.701
	317	318.2617	11.030	88.3630	1.70	ESTRUCTURA	1.47	40.4990	11.027	1387162.981	1039308.387	2.684
	318	2.4916	13.785	88.0150	1.70	BORDE_VIA	1.47	84.8820	13.777	1387155.825	1039314.948	2.890
	319	342.5438	14.269	87.5545	1.70	BORDE_VIA	1.47	64.9715	14.260	1387160.628	1039314.146	2.932
	320	25.3601	9.526	91.2948	1.70	DESC_CLAVE	1.47	107.6612	9.523	1387151.706	1039310.300	2.167
	321	25.5358	9.673	93.5002	1.70	DESC_BATEA	1.47	107.9604	9.651	1387151.619	1039310.407	1.769
	322	20.0820	9.112	88.5529	1.70	TUBO	1.47	102.1998	9.110	1387152.670	1039310.130	2.587
	323	28.1913	9.791	93.1313	1.70	BORDE_CANO	1.47	110.3812	9.776	1387151.191	1039310.389	1.866
	324	42.1907	11.348	92.3016	1.70	BORDE_CANO	1.47	124.3795	11.337	1387148.194	1039310.583	1.920
	325	51.4217	14.279	93.2355	1.70	BORDE_CANO	1.47	133.7657	14.254	1387144.736	1039311.520	1.570
	326	43.5700	14.827	93.3354	1.70	BORDE_CANO	1.47	126.0109	14.798	1387145.895	1039313.196	1.494
	327	27.2012	27.014	92.4250	1.70	BORDE_CANO	1.47	109.3976	26.984	1387145.634	1039326.678	1.137
	328	37.0837	20.934	93.2203	1.70	BORDE_CANO	1.47	119.2045	20.898	1387144.399	1039319.467	1.186
	329	36.3848	26.023	91.2320	1.70	BORDE_CANO	1.47	118.7076	26.015	1387142.099	1039324.043	1.785
	330	21.2546	24.531	91.2049	1.70	BORDE_CANO	1.47	103.4904	24.524	1387148.875	1039325.073	1.839
	331	78.3926	16.889	95.1240	1.70	BORDE_CANO	1.47	160.7182	16.819	1387138.720	1039306.780	0.882
	332	13.2853	11.014	86.2434	1.70	ARBOL	1.47	95.5423	10.992	1387153.534	1039312.167	3.106
	333	62.5203	5.355	88.0129	1.70	ARBOL	1.47	144.9284	5.352	1387150.215	1039304.301	2.601
	334	143.0632	21.428	93.4256	1.70	BORDE_CANO	1.47	225.1698	21.383	1387139.520	1039286.061	1.027
	335	147.3417	18.855	91.5502	2.60	BORDE_CANO	1.47	229.6323	18.844	1387142.390	1039286.868	0.885
	336	176.3340	15.421	88.5645	1.70	BORDE_VIA	1.47	258.6220	15.418	1387151.554	1039286.110	2.700
	337	196.3928	16.576	87.5844	1.70	BORDE_VIA	1.47	278.7187	16.566	1387157.107	1039284.852	3.001
	338	0.0000	65.869	89.1127	1.70	LINEAMIENT	1.47	82.0609	65.862	1387163.692	1039366.457	3.346



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	339	0.0000	45.477	89.0430	1.70	LINEAMIENTO	1.47	82.0609	45.471	1387160.876	1039346.261	3.150
	340	0.0000	24.273	88.4407	1.70	LINEAMIENTO	1.47	82.0609	24.267	1387157.947	1039325.260	2.952
	341	0.0000	13.035	87.4902	1.70	LINEAMIENTO	1.47	82.0609	13.026	1387156.395	1039314.126	2.912
	342	0.0000	8.499	87.3019	1.70	LINEAMIENTO	1.47	82.0609	8.491	1387155.768	1039309.635	2.786
	343	0.0000	3.898	85.1305	1.70	LINEAMIENTO	1.47	82.0609	3.884	1387155.132	1039305.073	2.741
	344	157.2445	7.516	88.2121	1.70	ARBOL	1.47	239.4734	7.513	1387150.779	1039294.754	2.632
	345	54.3155	10.193	88.5337	1.70	TERRENO	1.47	136.5929	10.191	1387147.192	1039308.229	2.613
	346	87.1615	8.415	90.0442	1.70	TERRENO	1.47	169.3318	8.415	1387146.326	1039302.784	2.405
	347	112.0619	8.389	90.2727	1.70	TERRENO	1.47	194.1662	8.389	1387146.462	1039299.173	2.349
	348	139.2600	9.125	90.2727	1.70	TERRENO	1.47	221.4943	9.125	1387147.761	1039295.180	2.343
E11012-E11011	E11011	0.0000	97.589	89.5649	1.70	ESTACION	1.43	265.2173	97.579	1387146.460	1039203.986	2.820
	E11013	170.1507	28.833	89.5221	1.70	DELTA	1.43	255.4693	28.833	1387139.226	1039176.076	2.610
	E11014	13.1841	26.911	90.2425	1.70	DELTA	1.43	98.5287	26.910	1387142.469	1039230.599	2.355
	349	353.0200	60.913	89.2334	1.70	PARAMENTO	1.43	78.2507	60.910	1387158.863	1039263.620	3.192
	350	351.5631	49.474	88.5751	1.70	PARAMENTO	1.43	77.1593	49.466	1387157.453	1039252.215	3.440
	351	355.2401	49.387	89.3052	1.70	MANHOLE	1.43	80.6176	49.385	1387154.511	1039252.711	2.965
	352	356.0520	57.494	89.3721	1.70	MANHOLE	1.43	81.3062	57.493	1387155.150	1039260.819	2.925
	353	354.3746	51.432	89.2555	1.70	POSTE	1.43	79.8468	51.429	1387155.526	1039254.610	3.056
	354	356.4540	50.185	89.3805	1.70	BORDE_VIA	1.43	81.9784	50.184	1387153.463	1039253.679	2.866
	355	1.3612	49.508	89.4947	1.70	BORDE_VIA	1.43	86.8207	49.508	1387149.206	1039253.418	2.693
	356	5.2634	43.134	89.5524	1.70	POSTE	1.43	90.6601	43.134	1387145.963	1039247.117	2.604
	357	350.2148	49.506	89.0804	1.70	PARAMENTO	1.43	75.5807	49.500	1387158.786	1039251.927	3.294
	358	345.3335	30.367	89.3724	1.70	PARAMENTO	1.43	70.7770	30.366	1387156.458	1039232.660	2.746
	359	339.0525	31.196	89.2117	1.70	PARAMENTO	1.43	64.3076	31.194	1387159.984	1039232.096	2.897
	360	333.1308	20.497	88.4440	1.70	PARAMENTO	1.43	58.4362	20.492	1387157.186	1039221.447	2.995
	361	9.4440	30.039	90.3044	1.70	PARAMENTO	1.43	94.9618	30.038	1387143.862	1039233.912	2.277
	362	13.2408	30.216	90.3918	1.70	PARAMENTO	1.43	98.6195	30.214	1387141.932	1039233.859	2.201
	363	323.3319	10.531	87.3034	1.70	POSTE	1.43	48.7726	10.521	1387153.394	1039211.899	3.004
	364	315.5738	11.480	87.3035	1.70	PARAMENTO	1.43	41.1779	11.469	1387155.092	1039211.538	3.045
	365	3.5244	10.551	89.0237	1.70	BORDE_VIA	1.43	89.0962	10.550	1387146.626	1039214.535	2.722
	366	336.4659	11.090	87.4050	1.70	BORDE_VIA	1.43	62.0004	11.081	1387151.662	1039213.770	2.995
	367	304.0219	13.859	87.2859	1.70	PARAMENTO	1.43	29.2559	13.846	1387158.539	1039210.753	3.155
	368	258.2014	10.507	86.4345	1.70	PARAMENTO	1.43	343.5545	10.490	1387156.520	1039201.017	3.146
	369	257.4908	9.440	86.3151	1.70	PARAMENTO	1.43	343.0362	9.423	1387155.472	1039201.237	3.117
	370	8.0934	19.514	88.0840	1.70	ARBOL	1.43	93.3768	19.504	1387145.311	1039223.456	3.178
	371	18.0802	9.473	87.2051	1.70	ARBOL	1.43	103.3512	9.463	1387144.275	1039213.193	2.984



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	372	43.1840	5.896	89.2955	1.70	ARBOL	1.43	128.5284	5.896	1387142.787	1039208.599	2.598
	373	110.0316	3.582	87.2425	1.70	ARBOL	1.43	195.2718	3.578	1387143.008	1039203.044	2.708
	374	227.3222	12.026	87.4527	1.70	PARAMENTO	1.43	312.7568	12.017	1387154.618	1039195.163	3.017
	375	204.2541	20.258	88.3303	1.70	PARAMENTO	1.43	289.6454	20.252	1387153.268	1039184.914	3.058
	376	199.1308	19.290	88.3754	1.70	PARAMENTO	1.43	284.4362	19.284	1387151.267	1039185.311	3.007
	377	187.4204	24.139	88.5824	1.70	MANHOLE	1.43	272.9184	24.135	1387147.689	1039179.883	2.979
	378	192.1624	25.564	88.5127	1.70	PARAMENTO	1.43	277.4907	25.559	1387149.792	1039178.646	3.056
	379	188.3141	25.547	89.0413	1.70	POSTE	1.43	273.7454	25.544	1387148.128	1039178.497	2.961
	380	195.1753	26.654	88.2321	1.70	PARAMENTO	1.43	280.5154	26.643	1387151.322	1039177.790	3.295
	381	192.1232	30.387	88.3354	1.70	PARAMENTO	1.43	277.4262	30.377	1387150.386	1039173.864	3.307
	382	187.0340	29.873	88.3846	1.70	PARAMENTO	1.43	272.2784	29.865	1387147.647	1039174.145	3.252
	383	182.4553	39.115	88.5624	1.70	PARAMENTO	1.43	267.9820	39.108	1387145.083	1039164.902	3.270
	384	176.4929	37.789	89.4512	1.70	BORDE_VIA	1.43	262.0420	37.789	1387141.228	1039166.562	2.709
	385	168.0011	37.052	90.0621	1.70	BORDE_VIA	1.43	253.2204	37.052	1387135.763	1039168.512	2.478
	386	183.3216	23.738	89.1458	1.70	MANHOLE	1.43	268.7551	23.736	1387145.944	1039180.256	2.857
	387	199.2459	5.125	84.3749	1.70	MANHOLE	1.43	284.6337	5.103	1387147.749	1039199.049	3.026
	388	334.0109	20.812	90.3601	1.70	CANO	1.43	59.2365	20.811	1387157.104	1039221.869	2.328
	389	339.2132	19.882	90.4210	1.70	CANO	1.43	64.5762	19.881	1387154.995	1039221.942	2.302
	390	343.1546	19.515	90.5036	1.70	CANO	1.43	68.4801	19.513	1387153.618	1039222.139	2.259
	391	350.3635	18.876	89.0232	1.70	CANO	1.43	75.8270	18.873	1387151.081	1039222.285	2.862
	392	9.0200	18.633	90.1914	1.70	CANO	1.43	94.2507	18.633	1387145.079	1039222.568	2.442
	393	13.0235	18.832	90.5859	1.70	CANO	1.43	98.2604	18.829	1387143.755	1039222.620	2.223
	394	9.5023	15.904	90.1629	1.70	DESC_CLAVE	1.43	95.0570	15.904	1387145.058	1039219.828	2.470
	395	9.5330	15.920	90.4016	1.70	DESC_BATEA	1.43	95.1090	15.919	1387145.042	1039219.842	2.360
	396	1.1215	15.795	89.1055	1.70	TUBO	1.43	86.4215	15.793	1387147.446	1039219.749	2.772
	397	158.1003	10.701	88.3308	1.70	ESTRUCTURA	1.43	243.3848	10.698	1387141.667	1039194.422	2.816
	398	146.2524	9.812	88.4236	1.70	ESTRUCTURA	1.43	231.6407	9.810	1387140.372	1039196.294	2.767
	399	119.0025	5.395	105.0759	0.09	ESTRUCTURA	1.43	204.2243	5.208	1387141.710	1039201.850	2.753
	400	118.4022	4.164	109.0603	0.09	ESTRUCTURA	1.43	203.8901	3.935	1387142.862	1039202.393	2.798
	401	65.4651	6.823	105.3719	1.70	BORDE_CANO	1.43	150.9982	6.571	1387140.713	1039207.172	0.709
	402	123.0338	8.538	102.3252	1.70	BORDE_CANO	1.43	208.2779	8.334	1387139.120	1039200.038	0.691
	403	77.2537	9.041	102.1737	1.70	BORDE_CANO	1.43	162.6443	8.834	1387138.028	1039206.622	0.621
	404	145.2030	15.512	97.0143	1.70	BORDE_CANO	1.43	230.5590	15.395	1387136.679	1039192.097	0.648
	405	122.2534	11.234	99.5515	1.70	BORDE_CANO	1.43	207.6434	11.066	1387136.657	1039198.852	0.611
	406	151.5712	22.694	94.4107	1.70	BORDE_CANO	1.43	237.1707	22.618	1387134.198	1039184.981	0.692
	407	144.4811	23.246	94.5105	1.70	BORDE_CANO	1.43	230.0204	23.163	1387131.577	1039186.237	0.580



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	408	153.5748	29.323	93.4312	1.70	BORDE_CANO	1.43	239.1807	29.261	1387131.468	1039178.857	0.644
	409	148.4754	30.851	93.3651	1.70	BORDE_CANO	1.43	234.0157	30.790	1387128.369	1039179.072	0.601
	410	148.4924	30.856	93.3507	1.70	BORDE_CANO	1.43	234.0407	30.796	1387128.376	1039179.059	0.616
	411	155.3513	36.392	93.1015	1.70	BORDE_CANO	1.43	240.8043	36.336	1387128.735	1039172.266	0.533
	412	152.0349	37.679	92.5547	1.70	BORDE_CANO	1.43	237.2809	37.630	1387126.120	1039172.327	0.620
	413	160.5034	36.873	91.5429	1.70	TERRENO	1.43	246.0601	36.853	1387131.506	1039170.304	1.318
	414	148.4540	36.515	91.5429	1.70	TERRENO	1.43	233.9784	36.495	1387124.998	1039174.470	1.330
	415	159.0817	24.144	91.0112	1.70	TERRENO	1.43	244.3554	24.140	1387136.012	1039182.224	2.116
	416	141.0602	26.612	93.0010	1.70	TERRENO	1.43	226.3179	26.575	1387128.105	1039184.767	1.152
	417	135.3038	20.837	92.5458	1.70	DES_DOMICI	1.43	220.7279	20.810	1387130.690	1039190.409	1.486
	418	133.3653	19.503	93.0935	1.70	DES_DOMICI	1.43	218.8320	19.473	1387131.290	1039191.776	1.471
	419	133.3228	18.451	94.0348	1.70	DES_DOMICI	1.43	218.7584	18.405	1387132.108	1039192.464	1.239
	420	125.0129	15.682	94.3855	1.70	TERRENO	1.43	210.2420	15.630	1387132.957	1039196.114	1.275
	421	159.1139	17.836	90.4632	1.70	TERRENO	1.43	244.4115	17.834	1387138.757	1039187.901	2.305
	422	0.0000	89.351	89.5418	1.70	LINEAMIENT	1.43	85.2173	89.351	1387153.910	1039293.026	2.694
	423	0.0000	71.137	89.4523	1.70	LINEAMIENT	1.43	85.2173	71.136	1387152.391	1039274.875	2.848
	424	0.0000	52.851	89.4003	1.70	LINEAMIENT	1.43	85.2173	52.850	1387150.866	1039256.652	2.853
	425	0.0000	35.790	89.5344	1.70	LINEAMIENT	1.43	85.2173	35.790	1387149.444	1039239.652	2.611
	426	0.0000	23.318	89.1651	1.70	LINEAMIENT	1.43	85.2173	23.316	1387148.404	1039227.221	2.839
	427	0.0000	7.032	88.2947	1.70	LINEAMIENT	1.43	85.2173	7.030	1387147.046	1039210.991	2.731
E11014-E11012	E11012	0.0000	26.934	88.2719	1.70	ESTACION	1.44	98.5287	26.910	1387142.469	1039230.599	2.355
	428	230.5637	7.223	101.3213	1.70	BORDE_CANO	1.44	149.4723	7.077	1387136.373	1039234.194	0.649
	429	299.5522	5.373	105.3541	1.70	BORDE_CANO	1.44	218.4515	5.175	1387138.416	1039227.381	0.649
	430	329.4748	7.735	99.4235	1.70	BORDE_CANO	1.44	248.3254	7.624	1387139.653	1039223.514	0.789
	431	336.4123	5.784	98.1540	1.70	TERRENO	1.44	255.2184	5.724	1387141.008	1039225.065	1.263
	432	321.5411	3.204	95.4059	1.70	TERRENO	1.44	240.4318	3.188	1387140.896	1039227.826	1.777
	433	219.2955	3.598	95.5829	1.70	TERRENO	1.44	138.0273	3.578	1387139.808	1039232.992	1.719
	434	204.0923	3.928	91.5357	1.70	PARAMENTO	1.44	122.6851	3.926	1387140.349	1039233.903	1.964
	435	140.1413	3.941	81.5436	1.70	PARAMENTO	1.44	58.7657	3.902	1387144.492	1039233.935	2.649
	436	134.1540	3.706	83.5534	1.70	TERRENO	1.44	52.7898	3.685	1387144.697	1039233.534	2.486
	437	73.3317	2.246	72.3936	1.70	TERRENO	1.44	352.0834	2.144	1387144.592	1039230.304	2.763
	438	13.3859	3.518	84.4546	1.70	TERRENO	1.44	292.1784	3.503	1387143.791	1039227.355	2.415
	439	331.1913	20.025	89.2820	1.70	DES_DOMICI	1.44	249.8490	20.024	1387135.571	1039211.801	2.278
	440	334.2801	15.101	95.3516	1.70	BORDE_CANO	1.44	252.9957	15.029	1387138.074	1039216.227	0.624
	441	327.1348	16.213	92.0741	1.70	TERRENO	1.44	245.7587	16.202	1387135.817	1039215.826	1.492
	442	327.0625	20.466	93.2829	0.09	DES_DOMICI	1.44	245.6357	20.428	1387134.041	1039211.990	2.468



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	443	317.3514	14.401	91.3213	1.70	LINDERO	1.44	236.1159	14.396	1387134.443	1039218.648	1.708
	444	312.5959	12.279	93.4717	1.70	TERRENO	1.44	231.5284	12.252	1387134.846	1039221.007	1.283
	445	318.5535	10.466	97.2555	1.70	BORDE_CANO	1.44	237.4551	10.378	1387136.886	1039221.851	0.740
	446	250.5436	8.702	98.4528	1.70	BORDE_CANO	1.44	169.4387	8.601	1387134.014	1039232.175	0.769
	447	252.0750	10.140	95.1221	1.70	TERRENO	1.44	170.6593	10.098	1387132.505	1039232.238	1.174
	448	253.4821	12.144	88.4014	1.70	LINDERO	1.44	172.3345	12.141	1387130.437	1039232.219	2.376
	449	220.3159	14.961	95.2820	1.70	BORDE_CANO	1.44	139.0618	14.893	1387131.219	1039240.358	0.667
	450	227.1123	17.602	90.2723	1.70	LINDERO	1.44	145.7184	17.601	1387127.925	1039240.513	1.954
	451	226.0934	15.789	91.1846	1.70	TERRENO	1.44	144.6882	15.785	1387129.588	1039239.723	1.732
	452	223.2834	15.978	89.2301	1.70	ESTRUCTURA	1.44	142.0048	15.977	1387129.878	1039240.435	2.266
	453	223.4656	15.982	89.1731	1.70	ESTRUCTURA	1.44	142.3109	15.981	1387129.823	1039240.369	2.291
	454	222.0847	17.344	89.2331	1.70	ESTRUCTURA	1.44	140.6751	17.343	1387129.053	1039241.590	2.278
	455	222.4226	17.418	89.2331	1.70	ESTRUCTURA	1.44	141.2359	17.417	1387128.888	1039241.504	2.279
	456	220.1222	17.730	89.2331	1.70	ESTRUCTURA	1.44	138.7348	17.729	1387129.143	1039242.292	2.282
	457	220.2035	17.864	89.2331	1.70	ESTRUCTURA	1.44	138.8718	17.863	1387129.014	1039242.348	2.283
	458	218.5358	17.683	89.2331	1.70	ESTRUCTURA	1.44	137.4282	17.682	1387129.447	1039242.561	2.282
	459	218.5358	17.809	89.2331	1.70	ESTRUCTURA	1.44	137.4282	17.808	1387129.354	1039242.646	2.283
	460	218.3942	17.825	90.1342	1.70	ESTRUCTURA	1.44	137.1904	17.825	1387129.392	1039242.712	2.023
	461	214.1453	17.607	90.1342	1.70	ESTRUCTURA	1.44	132.7768	17.607	1387130.511	1039243.523	2.024
	462	211.4409	22.452	90.1342	1.70	ESTRUCTURA	1.44	130.2645	22.452	1387127.958	1039247.731	2.004
	463	215.2643	23.071	90.2218	1.70	ESTRUCTURA	1.44	133.9740	23.071	1387126.450	1039247.202	1.944
	464	223.0728	15.998	94.0904	1.70	ESTRUCTURA	1.44	141.6532	15.956	1387129.955	1039240.499	0.936
	465	221.5946	17.431	95.0114	1.70	ESTRUCTURA	1.44	140.5248	17.364	1387129.065	1039241.638	0.568
	466	219.5824	17.751	95.0114	1.70	ESTRUCTURA	1.44	138.5020	17.683	1387129.225	1039242.316	0.540
	467	214.1232	17.585	94.2848	1.70	ESTRUCTURA	1.44	132.7376	17.531	1387130.571	1039243.475	0.720
	468	220.4943	17.581	93.2719	1.70	DESC_CLAVE	1.44	139.3573	17.549	1387129.153	1039242.030	1.034
	469	220.4427	17.560	95.0129	1.70	DESC_BATEA	1.44	139.2695	17.493	1387129.213	1039242.013	0.556
	470	222.5213	18.683	90.1855	1.70	TUBO	1.44	141.3990	18.683	1387127.868	1039242.255	1.991
	471	223.0634	8.254	99.4625	1.70	BORDE_CANO	1.44	141.6382	8.134	1387136.091	1039235.647	0.693
	472	216.5353	9.733	90.1911	1.70	DES_DOMICI	1.44	135.4268	9.733	1387135.536	1039237.430	2.040
	473	217.1930	10.159	99.3548	0.09	DES_DOMICI	1.44	135.8537	10.017	1387135.281	1039237.576	2.015
	474	210.5952	9.103	89.1210	1.70	DES_DOMICI	1.44	129.5265	9.102	1387136.676	1039237.620	2.221
	475	208.2754	7.266	93.3631	1.70	TERRENO	1.44	126.9937	7.252	1387138.105	1039236.391	1.637
E11013-E11012	E11012	0.0000	28.848	89.0828	1.70	ESTACION	1.47	255.4693	28.833	1387139.226	1039176.076	2.610
	E11015	173.0636	55.294	89.3709	1.70	DELTA	1.47	248.5793	55.293	1387119.032	1039124.602	2.751
	476	51.3259	7.253	95.3427	1.70	DES_DOMICI	1.47	127.0190	7.219	1387134.879	1039181.839	1.679



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	477	49.0929	6.947	94.1622	1.70	DES_DOMICI	1.47	124.6273	6.928	1387135.289	1039181.776	1.866
	478	25.1742	30.406	91.1421	1.70	LINDERO	1.47	100.7643	30.399	1387133.548	1039205.940	1.726
	479	27.5101	27.260	91.1040	1.70	LINDERO	1.47	103.3195	27.254	1387132.947	1039202.597	1.823
	480	29.2921	27.129	90.2755	1.70	LINDERO	1.47	104.9584	27.128	1387132.223	1039202.285	2.163
	481	42.1100	20.000	92.1126	1.70	PARAMENTO	1.47	117.6526	19.985	1387129.950	1039193.778	1.619
	482	42.1115	20.074	92.0015	1.70	DES_DOMICI	1.47	117.6568	20.062	1387129.913	1039193.845	1.681
	483	69.3352	15.898	91.4157	1.70	PARAMENTO	1.47	145.0337	15.891	1387126.203	1039185.183	1.912
	484	120.5012	17.499	91.1730	1.70	PARAMENTO	1.47	196.3059	17.495	1387122.435	1039171.164	1.989
	485	123.2631	18.134	91.5146	1.70	PARAMENTO	1.47	198.9112	18.124	1387122.079	1039170.202	1.794
	486	143.1739	12.884	88.5033	1.70	PUENTE	1.47	218.7634	12.881	1387129.182	1039168.011	2.643
	487	143.4949	13.531	88.5032	1.70	PUENTE	1.47	219.2995	13.528	1387128.757	1039167.507	2.657
	488	155.0456	10.850	90.2049	1.70	PUENTE	1.47	230.5515	10.850	1387132.332	1039167.698	2.317
	489	156.2046	13.444	90.3100	1.70	PUENTE	1.47	231.8154	13.443	1387130.915	1039165.509	2.262
	490	161.0233	14.399	89.4154	1.70	ARBOL	1.47	236.5118	14.399	1387131.281	1039164.067	2.459
	491	151.3823	9.928	89.2349	1.70	ARBOL	1.47	227.1090	9.927	1387132.469	1039168.802	2.488
	492	151.1248	7.825	89.2728	1.70	POSTE	1.47	226.6826	7.825	1387133.858	1039170.383	2.457
	493	188.5852	30.367	88.3128	2.00	POSTE	1.47	264.4504	30.357	1387136.290	1039145.861	2.865
	494	192.3321	30.905	88.0021	2.00	PARAMENTO	1.47	268.0251	30.886	1387138.161	1039145.208	3.159
	495	211.3845	38.362	87.4350	2.00	PARAMENTO	1.47	287.1151	38.332	1387150.506	1039139.441	3.602
	496	181.3026	28.488	89.3229	1.70	BORDE_VIA	1.47	256.9765	28.487	1387132.806	1039148.321	2.611
	497	172.0705	28.029	90.1022	1.50	BORDE_VIA	1.47	247.5873	28.029	1387128.539	1039150.164	2.499
	498	227.5603	14.230	82.5854	2.40	PARAMENTO	1.47	303.4034	14.123	1387147.001	1039164.285	3.422
	499	0.0000	21.879	89.1338	1.70	LINEAMIENT	1.47	75.4693	21.877	1387144.715	1039197.253	2.678
	500	0.0001	8.333	88.1440	1.70	LINEAMIENT	1.47	75.4695	8.329	1387141.315	1039184.138	2.638
E11015-E11013	E11013	0.0000	55.296	89.5326	1.70	ESTACION	1.45	248.5793	55.293	1387119.032	1039124.602	2.751
	E11016	167.2941	65.426	90.0307	1.70	DELTA	1.45	236.0740	65.426	1387082.516	1039070.315	2.443
	501	301.4316	8.389	87.4837	1.70	PARAMENTO	1.45	10.3004	8.383	1387127.280	1039126.101	2.823
	502	327.3350	18.620	87.5207	1.70	PARAMENTO	1.45	36.1432	18.607	1387134.058	1039135.577	3.195
	503	315.4834	21.688	88.1013	1.70	PARAMENTO	1.45	24.3887	21.677	1387138.775	1039133.553	3.195
	504	339.4548	14.248	88.4420	1.70	BORDE_VIA	1.45	48.3426	14.245	1387128.500	1039135.245	2.816
	505	2.3854	13.312	88.0755	1.70	BORDE_VIA	1.45	71.2276	13.305	1387123.314	1039137.200	2.937
	506	301.5055	11.624	88.2724	1.70	BORDE_VIA	1.45	10.4279	11.620	1387130.460	1039126.706	2.816
	507	316.1004	7.450	87.2940	1.70	BORDE_VIA	1.45	24.7470	7.443	1387125.791	1039127.718	2.828
	508	6.5648	18.114	89.0430	1.70	ARBOL	1.45	75.5259	18.112	1387123.559	1039142.139	2.795
	509	246.5751	3.483	86.1523	1.70	BORDE_VIA	1.45	315.5434	3.476	1387121.513	1039122.168	2.730
	510	244.5430	4.772	86.4649	1.70	POSTE	1.45	313.4876	4.764	1387122.311	1039121.146	2.771



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	511	249.2342	6.478	86.3552	1.70	PARAMENTO	1.45	317.9743	6.467	1387123.836	1039120.273	2.887
	512	16.0349	14.753	90.1158	1.70	ESTRUCTURA	1.45	84.6429	14.753	1387120.409	1039139.291	2.451
	513	22.1933	13.726	88.0607	1.70	ESTRUCTURA	1.45	90.9051	13.718	1387118.815	1039138.319	2.957
	514	21.0619	13.659	88.0050	1.70	ESTRUCTURA	1.45	89.6845	13.651	1387119.107	1039138.253	2.976
	515	21.1344	13.634	85.1031	1.70	ESTRUCTURA	1.45	89.8082	13.586	1387119.077	1039138.188	3.649
	516	22.0938	13.315	85.0159	1.70	ESTRUCTURA	1.45	90.7398	13.265	1387118.861	1039137.866	3.656
	517	22.2014	13.263	85.5340	1.70	ESTRUCTURA	1.45	90.9165	13.229	1387118.820	1039137.830	3.452
	518	55.3003	8.658	83.4713	1.70	ESTRUCTURA	1.45	124.0801	8.607	1387114.209	1039131.731	3.440
	519	55.5741	8.684	82.2737	1.70	ESTRUCTURA	1.45	124.5407	8.609	1387114.151	1039131.694	3.642
	520	58.0528	8.568	82.1524	1.70	ESTRUCTURA	1.45	126.6704	8.490	1387113.962	1039131.412	3.657
	521	58.3949	8.519	84.4904	1.70	ESTRUCTURA	1.45	127.2429	8.484	1387113.897	1039131.356	3.272
	522	60.1928	8.787	85.2252	1.70	ESTRUCTURA	1.45	128.9037	8.758	1387113.531	1039131.418	3.210
	523	60.2355	8.732	87.1213	1.70	ESTRUCTURA	1.45	128.9779	8.722	1387113.546	1039131.382	2.929
	524	64.5652	7.808	88.3119	1.70	ESTRUCTURA	1.45	133.5270	7.805	1387113.656	1039130.262	2.704
	525	50.4406	21.416	89.1534	2.00	ESTRUCTURA	1.45	119.3143	21.414	1387108.548	1039143.274	2.480
	526	50.5213	21.567	89.1534	2.00	ESTRUCTURA	1.45	119.4495	21.565	1387108.429	1039143.381	2.481
	527	55.1753	20.778	87.5307	2.00	ESTRUCTURA	1.45	123.8773	20.764	1387107.458	1039141.841	2.969
	528	55.5258	20.960	87.5307	2.00	ESTRUCTURA	1.45	124.4620	20.946	1387107.180	1039141.872	2.976
	529	57.1932	20.916	85.5639	2.00	ESTRUCTURA	1.45	125.9048	20.864	1387106.797	1039141.502	3.682
	530	56.2943	21.056	86.0202	2.00	ESTRUCTURA	1.45	125.0745	21.006	1387106.961	1039141.793	3.659
	531	78.4751	20.049	87.5354	1.50	ESTRUCTURA	1.45	147.3768	20.036	1387102.157	1039135.404	3.438
	532	78.5716	20.036	87.2153	1.50	ESTRUCTURA	1.45	147.5337	20.015	1387102.145	1039135.346	3.624
	533	80.0002	20.097	87.2005	1.50	ESTRUCTURA	1.45	148.5798	20.075	1387101.900	1039135.068	3.637
	534	57.3016	20.869	87.5344	1.50	ESTRUCTURA	1.45	126.0837	20.855	1387106.749	1039141.456	3.469
	535	76.4150	9.695	91.4436	1.70	DES_DOMICI	1.45	145.2765	9.691	1387111.067	1039130.122	2.208
	536	77.4956	10.318	92.0940	1.70	DES_DOMICI	1.45	146.4115	10.311	1387110.443	1039130.306	2.114
	537	74.3520	10.458	97.1256	1.70	CANO	1.45	143.1682	10.375	1387110.728	1039130.822	1.189
	538	76.5247	10.981	96.2947	1.70	CANO	1.45	145.4590	10.910	1387110.045	1039130.789	1.260
	539	86.3108	17.659	95.1054	1.70	BORDE_CANO	1.45	155.0982	17.587	1387103.080	1039132.008	0.908
	540	96.2452	19.573	95.1021	1.70	BORDE_CANO	1.45	164.9937	19.493	1387100.203	1039129.650	0.738
	541	81.1648	14.570	97.3814	1.70	BORDE_CANO	1.45	149.8593	14.441	1387106.544	1039131.853	0.566
	542	96.1955	24.469	93.0634	1.70	DES_DOMICI	1.45	164.9112	24.433	1387095.441	1039130.963	1.175
	543	96.2729	24.463	93.1252	1.70	DES_DOMICI	1.45	165.0373	24.425	1387095.436	1039130.909	1.131
	544	96.2336	24.403	94.1546	1.70	DES_DOMICI	1.45	164.9726	24.335	1387095.529	1039130.912	0.689
	545	96.1350	25.177	91.5713	1.70	DES_DOMICI	1.45	164.8098	25.162	1387094.749	1039131.196	1.644
	546	87.5826	23.812	90.5619	1.70	TERRENO	1.45	156.5532	23.809	1387097.189	1039134.076	2.113



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	547	97.4521	16.412	95.0228	1.70	BORDE_CANO	1.45	166.3351	16.349	1387103.146	1039128.465	1.061
	548	101.2143	13.839	90.1619	1.70	TERRENO	1.45	169.9412	13.839	1387105.406	1039127.019	2.437
	549	92.1412	11.280	90.1619	1.70	TERRENO	1.45	160.8159	11.280	1387108.378	1039128.309	2.449
	550	77.2832	8.568	89.0213	1.70	TERRENO	1.45	146.0548	8.567	1387111.925	1039129.386	2.647
	551	110.2130	7.689	88.4449	1.70	POSTE	1.45	178.9376	7.687	1387111.346	1039124.745	2.671
	552	116.3202	8.436	89.0054	1.70	PARAMENTO	1.45	185.1132	8.435	1387110.631	1039123.851	2.648
	553	151.3212	16.529	90.3612	1.70	PARAMENTO	1.45	220.1159	16.528	1387106.392	1039113.953	2.329
	554	191.1046	21.873	89.4824	1.70	PARAMENTO	1.45	259.7587	21.873	1387115.143	1039103.078	2.577
	555	200.1646	14.263	89.0056	1.70	PARAMENTO	1.45	268.8587	14.261	1387118.748	1039110.344	2.748
	556	209.1827	13.524	88.5620	1.70	PARAMENTO	1.45	277.8868	13.522	1387120.887	1039111.209	2.753
	557	242.3233	8.092	87.0303	1.70	PARAMENTO	1.45	311.1218	8.081	1387124.347	1039118.515	2.919
	558	153.1400	23.168	92.0628	1.70	DES_DOMICI	1.45	221.8126	23.152	1387101.776	1039109.167	1.651
	559	161.1046	22.078	91.0208	1.70	DES_DOMICI	1.45	229.7587	22.074	1387104.772	1039107.752	2.104
	560	166.3253	19.673	90.3011	1.70	BORDE_VIA	1.45	235.1273	19.672	1387107.784	1039108.463	2.330
	561	182.0627	19.678	89.4920	1.70	BORDE_VIA	1.45	250.6868	19.678	1387112.524	1039106.032	2.564
	562	47.1714	7.431	84.2828	1.70	BORDE_VIA	1.45	115.8665	7.396	1387115.805	1039131.258	3.218
	563	81.0908	3.938	86.1541	1.70	BORDE_VIA	1.45	149.7315	3.930	1387115.638	1039126.583	2.759
	564	337.5400	10.212	87.0607	1.70	MANHOLE	1.45	46.4793	10.199	1387126.055	1039131.998	3.019
	565	0.0000	41.881	90.0708	1.70	LINEAMIENTO	1.45	68.5793	41.881	1387134.327	1039163.590	2.416
	566	0.0000	34.883	90.1644	1.70	LINEAMIENTO	1.45	68.5793	34.883	1387131.772	1039157.075	2.333
	567	0.0000	25.409	89.4733	1.70	LINEAMIENTO	1.45	68.5793	25.409	1387128.312	1039148.256	2.595
	568	0.0000	15.642	88.5010	1.70	LINEAMIENTO	1.45	68.5793	15.639	1387124.743	1039139.161	2.820
	569	0.0000	12.604	88.0146	1.70	LINEAMIENTO	1.45	68.5793	12.597	1387123.632	1039136.329	2.936
	570	0.0000	5.082	85.2621	1.70	LINEAMIENTO	1.45	68.5793	5.066	1387120.882	1039129.318	2.907
E11015-E11013	E11013	0.0000	55.303	89.5247	1.70	ESTACION	1.44	248.5793	55.293	1387119.032	1039124.602	2.751
	E11016	167.2956	65.443	90.0125	1.70	DELTA	1.44	236.0782	65.443	1387082.511	1039070.298	2.462
	571	104.4034	14.039	90.0126	1.70	PARAMENTO	1.44	173.2554	14.039	1387105.090	1039126.251	2.483
	572	76.0401	10.307	95.2816	2.00	TUBO	1.44	144.6462	10.260	1387110.664	1039130.539	1.206
	573	76.2702	10.422	95.4118	2.00	DESC_CLAVE	1.44	145.0298	10.371	1387110.534	1039130.546	1.156
	574	76.1524	10.580	97.5504	2.00	DESC_BATEA	1.44	144.8359	10.479	1387110.465	1039130.638	0.731
	575	74.5856	10.861	97.0126	2.00	BORDE_CANO	1.44	143.5615	10.779	1387110.360	1039131.005	0.861
	576	77.3935	10.648	98.0650	2.00	BORDE_CANO	1.44	146.2390	10.541	1387110.268	1039130.461	0.686
	577	78.3120	12.182	97.2728	2.00	BORDE_CANO	1.44	147.1015	12.079	1387108.890	1039131.163	0.608
	578	80.2853	12.141	97.2728	2.00	BORDE_CANO	1.44	149.0607	12.038	1387108.707	1039130.792	0.613
	579	78.1134	13.924	96.4302	2.00	BORDE_CANO	1.44	146.7720	13.828	1387107.464	1039132.180	0.560
	580	81.5701	14.246	96.3427	2.00	BORDE_CANO	1.44	150.5295	14.152	1387106.711	1039131.565	0.558



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E11016-E11015	E11015	0.0000	65.444	89.3231	1.70	ESTACION	1.47	236.0740	65.426	1387082.516	1039070.315	2.443
	E11017	172.4552	49.341	89.4532	1.70	DELTA	1.47	228.8384	49.341	1387050.041	1039033.168	2.425
	581	132.3105	12.213	88.1043	1.70	PARAMENTO	1.47	188.5920	12.207	1387070.446	1039068.491	2.606
	582	108.5919	20.538	91.3804	1.70	PARAMENTO	1.47	165.0626	20.530	1387062.680	1039075.606	1.632
	583	349.1635	35.134	89.0942	1.70	PARAMENTO	1.47	45.3504	35.130	1387107.205	1039095.307	2.731
	584	349.4356	30.671	89.2840	1.70	POSTE	1.47	45.8062	30.670	1387103.896	1039092.304	2.497
	585	341.4816	23.044	89.1439	1.70	PARAMENTO	1.47	37.8784	23.042	1387100.704	1039084.462	2.521
	586	326.3831	14.606	85.5420	1.70	PARAMENTO	1.47	22.7159	14.569	1387095.955	1039075.940	3.260
	587	337.2755	12.802	87.1050	1.70	PARAMENTO	1.47	33.5393	12.787	1387093.174	1039077.379	2.847
	588	287.5918	5.345	82.5711	1.70	PARAMENTO	1.47	344.0623	5.305	1387087.617	1039068.858	2.873
	589	286.1557	5.979	83.4630	1.70	PARAMENTO	1.47	342.3398	5.944	1387088.180	1039068.511	2.866
	590	209.5325	11.567	87.4818	1.70	PARAMENTO	1.47	265.9643	11.559	1387081.703	1039058.785	2.660
	591	201.4238	11.010	88.0226	1.70	PARAMENTO	1.47	257.7845	11.004	1387080.188	1039059.560	2.594
	592	191.0555	18.937	88.4751	1.70	PARAMENTO	1.47	247.1726	18.933	1387075.171	1039052.865	2.615
	593	183.2501	18.689	89.0742	1.70	PARAMENTO	1.47	239.4909	18.687	1387073.029	1039054.215	2.502
	594	182.1715	23.145	89.1612	1.70	PARAMENTO	1.47	238.3615	23.143	1387070.376	1039050.611	2.512
	595	182.0316	34.973	89.2313	1.70	PARAMENTO	1.47	238.1284	34.971	1387064.051	1039040.616	2.592
	596	157.3349	24.197	88.3606	1.70	POSTE	1.47	213.6376	24.190	1387062.377	1039056.915	2.808
	597	176.0136	48.039	89.3013	1.70	POSTE	1.47	232.1007	48.037	1387053.008	1039032.409	2.634
	598	175.3657	45.206	89.3533	1.70	MANHOLE	1.47	231.6898	45.205	1387054.493	1039034.844	2.539
	599	165.4746	45.840	89.3802	1.70	MANHOLE	1.47	221.8701	45.839	1387048.382	1039039.720	2.510
	600	170.3537	45.644	89.3934	1.70	MANHOLE	1.47	226.6676	45.643	1387051.195	1039037.114	2.489
	601	174.1908	38.962	89.3804	1.70	BORDE_VIA	1.47	230.3929	38.961	1387057.678	1039040.298	2.466
	602	165.2655	38.693	89.3350	1.70	BORDE_VIA	1.47	221.5226	38.692	1387053.548	1039044.665	2.512
	603	180.3020	13.332	87.5914	1.70	MANHOLE	1.47	236.5795	13.324	1387075.178	1039059.194	2.686
	604	161.4427	43.960	89.2100	1.70	PARAMENTO	1.47	217.8148	43.957	1387047.790	1039043.364	2.716
	605	181.1653	12.091	88.2655	1.70	POSTE	1.47	237.3554	12.087	1387075.996	1039060.137	2.545
	606	135.5512	9.852	87.4202	1.70	MANHOLE	1.47	191.9940	9.844	1387072.887	1039068.269	2.613
	607	64.4123	11.304	92.1031	1.70	ARBOL	1.47	120.7637	11.296	1387076.738	1039080.021	1.788
	608	105.4912	25.518	93.5758	1.70	BORDE_CANO	1.47	161.8940	25.457	1387058.320	1039078.226	0.452
	609	98.5641	21.461	94.1804	1.70	BORDE_CANO	1.47	155.0187	21.401	1387063.118	1039079.353	0.608
	610	93.4634	17.621	95.2355	1.70	BORDE_CANO	1.47	149.8501	17.543	1387067.347	1039079.126	0.560
	611	76.1529	14.539	96.1827	1.70	BORDE_CANO	1.47	132.3320	14.451	1387072.785	1039080.998	0.620
	612	59.1112	13.929	96.5430	1.70	BORDE_CANO	1.47	115.2607	13.828	1387076.615	1039082.820	0.542
	613	33.2317	18.560	95.0005	1.70	BORDE_CANO	1.47	89.4620	18.489	1387082.690	1039088.803	0.599
	614	22.2944	24.789	93.1831	1.70	BORDE_CANO	1.47	78.5695	24.748	1387087.421	1039094.571	0.787



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	615	13.4556	31.460	92.5020	1.70	BORDE_CANO	1.47	69.8395	31.421	1387093.346	1039099.811	0.659
	616	12.2833	35.898	92.3443	1.70	BORDE_CANO	1.47	68.5498	35.862	1387095.631	1039103.692	0.602
	617	10.0915	36.778	89.3947	2.60	DES_DOMICI	1.47	66.2282	36.777	1387097.341	1039103.972	1.534
	618	8.0548	36.834	89.3948	2.60	DES_DOMICI	1.47	64.1707	36.833	1387098.564	1039103.468	1.534
	619	8.0445	41.587	90.4841	1.70	TERRENO	1.47	64.1532	41.583	1387100.645	1039107.738	1.628
	620	5.0103	38.176	90.2851	1.70	TERRENO	1.47	61.0915	38.175	1387100.970	1039103.732	1.897
	621	7.2607	32.814	90.3857	1.70	TERRENO	1.47	63.5093	32.812	1387097.152	1039099.681	1.846
	622	9.1148	28.688	91.1255	1.70	TERRENO	1.47	65.2707	28.682	1387094.515	1039096.366	1.609
	623	105.3543	18.603	92.0753	1.70	TERRENO	1.47	161.6693	18.590	1387064.869	1039076.161	1.526
	624	98.4352	12.806	91.5806	1.70	TERRENO	1.47	154.8051	12.798	1387070.935	1039075.763	1.778
	625	17.3208	20.422	91.0050	1.70	TERRENO	1.47	73.6095	20.419	1387088.278	1039089.904	1.856
	626	54.1706	10.792	93.1229	1.70	TERRENO	1.47	110.3590	10.775	1387078.768	1039080.417	1.613
	627	25.4415	14.946	91.4800	1.70	TERRENO	1.47	81.8115	14.939	1387084.644	1039085.101	1.748
	628	34.4213	12.874	92.1605	1.70	ARBOL	1.47	90.7776	12.864	1387082.342	1039083.177	1.708
	629	16.1849	23.056	90.4729	1.70	ARBOL	1.47	72.3876	23.054	1387089.492	1039092.288	1.899
	630	6.4454	15.194	88.5744	1.70	MANHOLE	1.47	62.8223	15.192	1387089.455	1039083.829	2.493
	631	342.4154	15.727	88.1824	1.70	MANHOLE	1.47	38.7723	15.720	1387094.772	1039080.159	2.682
	632	10.0054	30.733	91.2807	1.70	ARBOL	1.47	66.0890	30.723	1387094.969	1039098.401	1.430
	633	12.1224	49.708	90.4442	1.70	PARAMENTO	1.47	68.2807	49.704	1387100.910	1039116.490	1.571
	634	14.5346	53.309	90.3633	1.70	PARAMENTO	1.47	70.9701	53.306	1387099.897	1039120.707	1.651
	635	12.1407	53.220	91.2845	0.09	PARAMENTO	1.47	68.3093	53.202	1387102.180	1039119.750	2.459
	636	15.2409	52.556	90.2657	1.70	DES_DOMICI	1.47	71.4765	52.554	1387099.212	1039120.146	1.805
	637	13.0418	52.962	89.4524	1.70	DES_DOMICI	1.47	69.1457	52.962	1387101.370	1039119.807	2.442
	638	157.3419	24.196	88.4137	1.70	POSTE	1.47	213.6459	24.190	1387062.379	1039056.912	2.769
	639	21.0041	47.148	89.5933	2.90	DES_DOMICI	1.47	77.0854	47.148	1387093.054	1039116.270	1.024
	640	20.0317	45.679	91.2904	2.00	BORDE_CANO	1.47	76.1287	45.664	1387093.464	1039114.647	0.734
	641	20.4138	44.065	90.4749	2.00	TERRENO	1.47	76.7679	44.061	1387092.602	1039113.206	1.305
	642	18.0031	39.355	91.4336	2.00	BORDE_CANO	1.47	74.0826	39.337	1387093.305	1039108.143	0.732
	643	20.2316	39.710	90.5442	2.00	TERRENO	1.47	76.4618	39.705	1387091.811	1039108.916	1.286
	644	17.2038	34.190	92.1617	2.00	BORDE_CANO	1.47	73.4179	34.163	1387092.266	1039103.057	0.562
	645	21.2154	34.759	91.2926	2.00	TERRENO	1.47	77.4390	34.747	1387090.073	1039104.230	1.013
	646	27.0120	26.781	93.0611	2.00	BORDE_CANO	1.47	83.0962	26.742	1387085.731	1039096.862	0.468
	647	29.5301	28.055	91.3507	2.00	TERRENO	1.47	85.9576	28.044	1387084.493	1039098.289	1.141
	648	42.1436	20.366	94.0128	2.00	BORDE_CANO	1.47	98.3173	20.316	1387079.577	1039090.417	0.488
	649	44.4503	21.879	92.0119	2.00	TERRENO	1.47	100.8248	21.865	1387078.410	1039091.791	1.145
	650	58.0820	17.392	94.5602	2.00	BORDE_CANO	1.47	114.2129	17.328	1387075.410	1039086.118	0.422



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	651	59.0841	19.174	91.5202	2.00	TERRENO	1.47	115.2187	19.164	1387074.351	1039087.652	1.293
	652	75.1847	16.863	94.4323	2.00	BORDE_CANO	1.47	131.3870	16.806	1387071.405	1039082.923	0.529
	653	74.4326	18.980	93.1051	2.00	TERRENO	1.47	130.7979	18.951	1387070.134	1039084.661	0.864
	654	86.3059	18.842	94.0444	2.00	BORDE_CANO	1.47	142.5904	18.794	1387067.588	1039081.732	0.577
	655	85.1709	20.953	93.2954	2.00	TERRENO	1.47	141.3598	20.914	1387066.181	1039083.374	0.639
	656	97.2456	23.660	93.4844	2.00	BORDE_CANO	1.47	153.4895	23.608	1387061.391	1039080.852	0.344
	657	94.2703	24.719	92.4107	2.00	TERRENO	1.47	150.5248	24.692	1387061.020	1039082.464	0.759
	658	0.0000	54.829	89.3958	1.70	LINEAMIENT	1.47	56.0740	54.828	1387113.117	1039115.809	2.537
	659	0.0000	47.655	90.0510	1.70	LINEAMIENT	1.47	56.0740	47.655	1387109.114	1039109.857	2.146
	660	0.0000	39.928	90.0510	1.70	LINEAMIENT	1.47	56.0740	39.928	1387104.801	1039103.445	2.157
	661	0.0001	28.863	89.4832	1.70	LINEAMIENT	1.47	56.0743	28.863	1387098.625	1039094.264	2.314
	662	0.0000	16.594	89.2131	1.70	LINEAMIENT	1.47	56.0740	16.593	1387091.777	1039084.083	2.403
	663	0.0001	5.427	88.1118	1.70	LINEAMIENT	1.47	56.0743	5.424	1387085.544	1039074.815	2.389
E11017-E11016	E11016	0.0000	49.341	89.4205	1.70	ESTACION	1.46	228.8384	49.341	1387050.041	1039033.168	2.425
	E11018	166.0818	60.349	89.5015	1.70	DELTA	1.46	214.9768	60.349	1387000.592	1038998.574	2.352
	664	172.2636	60.982	89.5154	1.70	BORDE_VIA	1.46	221.2818	60.982	1387004.215	1038992.935	2.325
	665	165.1429	60.400	89.5154	1.70	BORDE_VIA	1.46	214.0798	60.400	1387000.014	1038999.323	2.323
	666	175.2747	29.296	89.5723	1.70	BORDE_VIA	1.46	224.3015	29.296	1387029.075	1039012.707	2.203
	667	165.2237	29.597	90.1514	1.70	BORDE_VIA	1.46	214.2154	29.597	1387025.567	1039016.526	2.050
	668	176.5453	29.100	89.5025	1.70	POSTE	1.46	225.7532	29.100	1387029.737	1039012.323	2.262
	669	161.0908	32.640	89.5550	1.70	PARAMENTO	1.46	209.9907	32.640	1387021.771	1039016.853	2.221
	670	177.1951	30.500	89.4448	1.70	MANHOLE	1.46	226.1693	30.500	1387028.919	1039011.166	2.316
	671	160.2715	25.337	89.4448	1.70	MANHOLE	1.46	209.2926	25.337	1387027.944	1039020.772	2.293
	672	156.4043	25.836	89.4448	1.70	PARAMENTO	1.46	205.5170	25.836	1387026.725	1039022.039	2.295
	673	0.0001	31.364	89.2558	1.70	LINEAMIENT	1.46	48.8387	31.362	1387070.683	1039056.780	2.492
	674	0.0000	12.123	88.2212	1.70	LINEAMIENT	1.46	48.8384	12.118	1387058.017	1039042.291	2.526
	675	0.0000	3.683	86.1848	1.70	LINEAMIENT	1.46	48.8384	3.675	1387052.460	1039035.935	2.418
E11018-E11017	E11017	0.0000	60.348	89.3959	1.70	ESTACION	1.44	214.9768	60.349	1387000.592	1038998.574	2.352
	E11020	10.5626	16.647	90.0828	1.70	DELTA	1.44	45.9173	16.647	1387012.173	1039010.532	2.051
	E11019	172.2218	96.048	89.5815	1.70	DELTA	1.44	207.3484	96.048	1386915.280	1038954.449	2.141
	E11021	283.1925	34.813	89.2846	1.70	DELTA	1.44	318.3004	34.812	1387026.584	1038975.416	2.408
	676	31.5159	7.506	89.1236	1.70	PARAMENTO	1.44	66.8432	7.505	1387003.544	1039005.474	2.196
	677	141.1423	5.801	89.2407	1.70	PARAMENTO	1.44	176.2165	5.801	1386994.804	1038998.956	2.153
	678	157.2226	9.088	89.0636	1.70	POSTE	1.44	192.3507	9.087	1386991.716	1038996.630	2.233
	679	292.1602	9.472	87.1036	1.70	PARAMENTO	1.44	327.2440	9.461	1387008.548	1038993.455	2.559
	680	286.4216	14.298	88.3928	1.70	PARAMENTO	1.44	321.6812	14.294	1387011.807	1038989.711	2.427



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	681	259.1423	15.410	89.2116	1.70	SUMIDERO	1.44	294.2165	15.409	1387006.913	1038984.521	2.266
	682	259.2251	14.484	89.1134	1.70	SUMIDERO	1.44	294.3576	14.483	1387006.565	1038985.380	2.296
	683	282.3858	9.659	90.1054	1.70	CAJA	1.44	317.6262	9.659	1387007.728	1038992.064	2.062
	684	278.1326	8.956	90.0017	1.70	CAJA	1.44	313.2007	8.956	1387006.723	1038992.045	2.091
	685	283.0409	8.964	90.1011	1.70	CAJA	1.44	318.0459	8.964	1387007.259	1038992.581	2.066
	686	188.1729	6.617	86.2106	1.70	MANHOLE	1.44	223.2682	6.604	1386995.784	1038994.047	2.513
	687	217.0021	10.313	87.0459	1.70	PARAMENTO	1.44	251.9826	10.300	1386997.406	1038988.779	2.617
	688	208.3616	10.412	87.0459	1.70	POSTE	1.44	243.5812	10.399	1386995.966	1038989.261	2.622
	689	166.1825	9.751	88.0511	1.70	BORDE_VIA	1.44	201.2837	9.746	1386991.511	1038995.036	2.418
	690	199.4241	10.555	88.1016	1.70	BORDE_VIA	1.44	234.6882	10.550	1386994.494	1038989.965	2.429
	691	212.3920	9.152	87.5743	1.70	BORDE_VIA	1.44	247.6323	9.146	1386997.112	1038990.116	2.418
	692	229.1850	9.711	88.0751	1.70	BORDE_VIA	1.44	264.2907	9.706	1386999.627	1038988.916	2.409
	693	259.1440	13.948	88.5835	1.70	BORDE_VIA	1.44	294.2212	13.946	1387006.314	1038985.856	2.341
	694	278.5147	11.489	88.3416	1.70	BORDE_VIA	1.44	313.8398	11.485	1387008.548	1038990.289	2.379
	695	179.1004	58.088	89.4404	1.70	POSTE	1.44	214.1445	58.087	1386952.518	1038965.970	2.361
	696	177.5633	57.920	89.4550	1.70	BORDE_VIA	1.44	212.9193	57.920	1386951.972	1038967.097	2.331
	697	172.5124	57.089	89.4901	1.70	BORDE_VIA	1.44	207.8334	57.089	1386950.108	1038971.919	2.275
	698	143.2552	11.188	87.3314	1.70	PARAMENTO	1.44	178.4079	11.178	1386989.419	1038998.884	2.570
	699	161.1045	19.354	88.5340	1.70	PARAMENTO	1.44	196.1559	19.350	1386982.006	1038993.189	2.466
	700	168.2453	37.952	89.5032	1.70	PARAMENTO	1.44	203.3915	37.952	1386965.759	1038983.506	2.197
	701	164.5339	25.621	89.1520	1.70	PARAMENTO	1.44	199.8709	25.619	1386976.499	1038989.866	2.425
	702	163.4509	25.569	89.2403	1.70	PARAMENTO	1.44	198.7293	25.568	1386976.379	1038990.364	2.360
	703	15.2341	9.780	91.2402	1.70	CAJA	1.44	50.3715	9.777	1387006.828	1039006.104	1.853
	704	11.2646	9.380	91.2403	1.70	CAJA	1.44	46.4229	9.377	1387007.056	1039005.367	1.863
	705	13.3920	8.812	91.3453	1.70	CAJA	1.44	48.6323	8.809	1387006.414	1039005.184	1.849
	706	0.0000	49.459	89.3939	1.70	LINEAMIENTO	1.44	34.9768	49.458	1387041.117	1039026.925	2.385
	707	0.0000	29.787	90.0223	1.70	LINEAMIENTO	1.44	34.9768	29.787	1387024.999	1039015.649	2.072
	708	0.0000	17.823	90.4751	1.70	LINEAMIENTO	1.44	34.9768	17.821	1387015.195	1039008.790	1.844
	709	0.0000	7.173	92.1448	1.70	LINEAMIENTO	1.44	34.9768	7.167	1387006.465	1039002.682	1.811
	710	0.0000	5.099	91.2757	1.70	LINEAMIENTO	1.44	34.9768	5.097	1387004.769	1039001.496	1.962
	711	0.0000	1.775	85.0244	1.70	LINEAMIENTO	1.44	34.9768	1.768	1387002.041	1038999.587	2.245
E11020-E11018	E11018	0.0000	16.650	87.5814	1.70	ESTACION	1.41	45.9173	16.647	1387012.173	1039010.532	2.051
	712	307.1639	13.505	90.1806	1.70	PARAMENTO	1.41	173.1948	13.505	1386998.764	1039012.132	1.688
	713	308.2545	10.245	88.5458	1.70	PUENTE	1.41	174.3465	10.243	1387001.980	1039011.541	1.953
	714	308.5938	10.119	88.5458	1.70	PUENTE	1.41	174.9112	10.117	1387002.096	1039011.429	1.951
	715	299.5827	9.751	88.4437	1.70	PUENTE	1.41	165.8915	9.749	1387002.719	1039012.908	1.973



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	716	300.0308	9.574	88.4437	1.70	PUENTE	1.41	165.9695	9.572	1387002.887	1039012.852	1.969
	717	298.5808	8.782	88.3933	1.70	PUENTE	1.41	164.8862	8.780	1387003.698	1039012.821	1.965
	718	298.5046	8.627	88.3933	1.70	PUENTE	1.41	164.7634	8.625	1387003.852	1039012.798	1.961
	719	308.3756	7.434	89.1017	1.70	PUENTE	1.41	174.5495	7.433	1387004.774	1039011.238	1.867
	720	309.0903	7.554	88.5853	1.70	PUENTE	1.41	175.0682	7.553	1387004.649	1039011.181	1.893
	721	258.2510	12.728	90.3707	1.70	PUENTE	1.41	124.3368	12.727	1387004.995	1039021.041	1.622
	722	259.0518	12.798	90.3707	1.70	PUENTE	1.41	125.0057	12.797	1387004.832	1039021.014	1.621
	723	262.1508	13.459	90.3707	1.70	PUENTE	1.41	128.1695	13.458	1387003.856	1039021.112	1.614
	724	261.4821	13.316	90.3707	1.70	PUENTE	1.41	127.7232	13.315	1387004.027	1039021.064	1.615
	725	299.4314	30.778	92.2349	1.70	BORDE_CANO	1.41	165.6379	30.751	1386982.383	1039018.160	0.472
	726	302.5305	28.282	92.5314	1.70	BORDE_CANO	1.41	168.8020	28.246	1386984.465	1039016.017	0.335
	727	288.5323	26.952	89.0132	2.30	DES_DOMICI	1.41	154.8070	26.948	1386987.789	1039022.003	1.618
	728	289.0554	26.893	89.1542	2.30	DES_DOMICI	1.41	155.0157	26.891	1386987.799	1039021.890	1.506
	729	286.3858	28.041	89.2848	1.70	DES_DOMICI	1.41	152.5668	28.040	1386987.287	1039023.450	2.014
	730	296.2242	23.051	93.3224	1.70	BORDE_CANO	1.41	162.2957	23.007	1386990.256	1039017.528	0.336
	731	287.3157	23.532	93.3634	1.70	BORDE_CANO	1.41	153.4498	23.485	1386991.165	1039021.029	0.278
	732	294.5331	17.400	92.0453	1.70	DES_DOMICI	1.41	160.8093	17.389	1386995.751	1039016.248	1.127
	733	294.2034	17.597	92.0953	1.70	DES_DOMICI	1.41	160.2601	17.584	1386995.622	1039016.471	1.095
	734	294.2650	16.818	92.2634	1.70	DES_DOMICI	1.41	160.3645	16.803	1386996.348	1039016.178	1.042
	735	296.1032	16.292	92.2634	1.70	DES_DOMICI	1.41	162.0929	16.277	1386996.685	1039015.537	1.065
	736	293.5314	16.997	92.2634	1.70	DES_DOMICI	1.41	159.8045	16.982	1386996.236	1039016.394	1.035
	737	296.2101	15.658	92.3233	1.70	DES_DOMICI	1.41	162.2676	15.643	1386997.274	1039015.296	1.065
	738	275.0901	20.322	91.0527	1.70	DES_DOMICI	1.41	141.0676	20.318	1386996.368	1039023.300	1.372
	739	275.3903	20.042	91.1828	1.70	DESC_CLAVE	1.41	141.5682	20.037	1386996.478	1039022.986	1.302
	740	275.3414	20.117	92.5811	1.70	DESC_BATEA	1.41	141.4879	20.090	1386996.453	1039023.041	0.717
	741	285.3603	14.225	96.0412	1.70	BORDE_CANO	1.41	151.5182	14.145	1386999.740	1039017.277	0.255
	742	292.4208	13.533	95.0157	1.70	BORDE_CANO	1.41	158.6195	13.481	1386999.620	1039015.446	0.572
	743	264.3215	9.179	97.4137	1.70	BORDE_CANO	1.41	130.4548	9.096	1387006.271	1039017.453	0.530
	744	280.1330	7.108	99.3459	1.70	BORDE_CANO	1.41	146.1423	7.009	1387006.353	1039014.437	0.576
	745	244.2911	9.191	97.5240	1.70	BORDE_CANO	1.41	110.4037	9.104	1387008.999	1039019.065	0.499
	746	278.2102	5.696	101.2509	1.70	DESC_CLAVE	1.41	144.2679	5.583	1387007.641	1039013.792	0.631
	747	276.5456	5.963	104.3430	1.70	DESC_BATEA	1.41	142.8329	5.771	1387007.575	1039014.018	0.259
	748	284.2831	5.356	98.1603	1.70	DES_DOMICI	1.41	150.3926	5.300	1387007.565	1039013.150	0.989
	749	264.5739	5.351	103.0304	1.70	BORDE_CANO	1.41	130.8782	5.213	1387008.762	1039014.473	0.551
	750	241.5959	4.925	104.0820	1.70	BORDE_CANO	1.41	107.9170	4.776	1387010.704	1039015.076	0.556
	751	230.4629	11.006	96.4403	1.70	BORDE_CANO	1.41	96.6920	10.930	1387010.900	1039021.387	0.469



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	752	221.5553	15.484	95.0845	1.70	BORDE_CANO	1.41	87.8487	15.422	1387012.752	1039025.942	0.370
	753	174.1804	7.338	86.5041	1.70	ARBOL	1.41	40.2184	7.327	1387017.768	1039015.263	2.163
	754	219.0804	19.546	94.1906	1.70	BORDE_CANO	1.41	85.0518	19.491	1387013.855	1039029.950	0.287
	755	213.1220	25.752	93.0630	1.70	BORDE_CANO	1.41	79.1229	25.714	1387017.026	1039035.784	0.363
	756	208.0202	30.564	92.1916	1.70	BORDE_CANO	1.41	73.9512	30.539	1387020.616	1039039.880	0.521
	757	207.5303	31.155	91.1244	1.70	DESC_CLAVE	1.41	73.8015	31.148	1387020.863	1039040.443	1.100
	758	207.4848	31.170	91.2948	1.70	DESC_BATEA	1.41	73.7307	31.159	1387020.903	1039040.443	0.945
	759	209.2003	31.875	90.3919	1.70	DES_DOMICI	1.41	75.2515	31.873	1387020.288	1039041.355	1.395
	760	201.0642	31.706	90.2213	1.70	DES_DOMICI	1.41	67.0290	31.705	1387024.547	1039039.723	1.554
	761	199.4638	31.593	90.1003	1.70	DES_DOMICI	1.41	65.6945	31.593	1387025.177	1039039.324	1.667
	762	206.5635	34.346	93.1734	0.09	DESCAR	1.41	72.8604	34.289	1387022.279	1039043.298	1.401
	763	206.2020	33.988	93.2803	0.09	DESC_CLAVE	1.41	72.2562	33.926	1387022.513	1039042.844	1.319
	764	206.2125	33.933	91.3133	1.70	DESC_BATEA	1.41	72.2743	33.921	1387022.501	1039042.842	0.856
	765	205.0359	33.738	92.0105	1.70	BORDE_CANO	1.41	70.9837	33.717	1387023.160	1039042.409	0.571
	766	185.0637	12.329	90.3630	1.70	DES_DOMICI	1.41	51.0276	12.328	1387019.927	1039020.116	1.628
	767	183.3449	12.600	90.2901	1.70	DES_DOMICI	1.41	49.4976	12.600	1387020.357	1039020.112	1.653
	768	204.4601	21.044	92.5051	1.70	BORDE_CANO	1.41	70.6843	21.018	1387019.126	1039030.367	0.714
	769	209.4918	8.954	99.0754	1.70	BORDE_CANO	1.41	75.7390	8.841	1387014.351	1039019.100	0.338
	770	204.2553	25.689	92.4337	1.70	BORDE_CANO	1.41	70.3487	25.660	1387020.803	1039034.697	0.537
E11021-E11018	E11018	0.0000	34.825	89.3933	1.70	ESTACION	1.44	318.3004	34.812	1387026.584	1038975.416	2.408
	E11022	204.4059	96.880	89.5402	1.70	DELTA	1.44	342.9834	96.880	1387119.222	1038947.064	2.312
	771	16.3458	3.146	87.2313	1.70	POSTE	1.44	154.8832	3.143	1387023.738	1038976.750	2.287
	772	46.5543	3.880	83.1733	1.70	PARAMENTO	1.44	185.2290	3.853	1387022.747	1038975.065	2.597
	773	20.2134	10.755	89.0532	1.70	PARAMENTO	1.44	158.6598	10.754	1387016.568	1038979.329	2.314
	774	26.3332	3.450	85.0847	1.70	PARAMENTO	1.44	164.8593	3.438	1387023.266	1038976.314	2.435
	775	200.5849	34.260	90.0933	1.70	BORDE_VIA	1.44	339.2807	34.260	1387058.628	1038963.295	2.048
	776	200.2825	41.466	90.1046	1.70	BORDE_VIA	1.44	338.7740	41.466	1387065.237	1038960.404	2.014
	777	207.5552	41.860	90.0810	1.70	BORDE_VIA	1.44	346.2315	41.860	1387067.241	1038965.453	2.044
	778	209.1452	36.851	90.1827	1.70	BORDE_VIA	1.44	347.5482	36.850	1387062.568	1038967.470	1.946
E11022-E11021	E11021	0.0000	96.887	89.4834	1.70	ESTACION	1.48	342.9834	96.880	1387119.222	1038947.064	2.312
	E11023	265.0235	167.053	89.4023	1.70	DELTA	1.48	68.0265	167.050	1387181.729	1039101.980	3.042
	779	329.4525	7.198	84.2630	1.70	PARAMENTO	1.48	132.7404	7.164	1387114.360	1038952.326	2.786
	780	295.5602	13.338	86.5058	1.70	PARAMENTO	1.48	98.9173	13.318	1387117.158	1038960.221	2.822
	781	342.3958	13.027	88.1016	1.70	PARAMENTO	1.48	145.6495	13.020	1387108.473	1038954.411	2.504
	782	24.0017	24.142	88.3611	1.70	PARAMENTO	1.48	186.9882	24.135	1387095.267	1038944.128	2.677
	783	61.4131	14.431	87.3501	1.70	PARAMENTO	1.48	224.6754	14.418	1387108.970	1038936.927	2.697



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	784	69.1430	20.097	88.1703	1.70	PARAMENTO	1.48	232.2251	20.088	1387106.917	1038931.186	2.690
	785	117.3518	26.973	88.4859	1.70	PARAMENTO	1.48	280.5718	26.967	1387124.170	1038920.555	2.646
	786	142.4629	16.874	88.2027	1.70	PARAMENTO	1.48	305.7582	16.867	1387129.079	1038933.377	2.577
	787	156.3639	27.661	88.5747	1.70	PARAMENTO	1.48	319.5943	27.656	1387140.282	1038929.138	2.589
	788	181.5005	17.132	88.3616	1.70	PARAMENTO	1.48	344.8182	17.127	1387135.752	1038942.579	2.506
	789	182.5837	13.916	87.4919	1.80	PARAMENTO	1.48	345.9604	13.906	1387132.713	1038943.691	2.518
	790	220.2755	18.748	88.5126	1.70	PARAMENTO	1.48	23.4487	18.744	1387136.419	1038954.523	2.463
	791	237.2830	14.413	88.5951	1.70	BORDE_VIA	1.48	40.4584	14.411	1387130.187	1038956.415	2.341
	792	174.3522	6.980	88.1133	1.70	BORDE_VIA	1.48	337.5729	6.977	1387125.671	1038944.403	2.309
	793	134.0827	9.854	89.0024	1.70	BORDE_VIA	1.48	297.1243	9.853	1387123.714	1038938.295	2.259
	794	88.4700	6.483	88.1749	1.70	BORDE_VIA	1.48	251.7668	6.480	1387117.195	1038940.910	2.281
	795	77.4323	9.831	86.3719	1.70	POSTE	1.48	240.7065	9.814	1387114.421	1038938.505	2.668
	796	76.4938	3.187	86.1251	1.70	MANHOLE	1.48	239.8107	3.180	1387117.623	1038944.316	2.299
	797	4.2936	1.859	85.2349	1.70	BORDE_VIA	1.48	167.4768	1.853	1387117.414	1038947.466	2.238
	798	266.3449	8.814	88.1714	1.70	BORDE_VIA	1.48	69.5637	8.810	1387122.299	1038955.320	2.352
E11023-E11022	E11022	0.0000	167.054	90.1119	1.70	ESTACION	1.49	68.0265	167.050	1387181.729	1039101.980	3.042
	E11024	182.4534	117.956	89.4402	1.70	DELTA	1.49	70.7859	117.955	1387220.548	1039213.364	3.379
	799	256.0619	7.599	89.0615	1.70	BORDE_VIA	1.49	144.1318	7.598	1387175.572	1039106.432	2.950
	800	223.5054	10.980	89.1157	1.70	BORDE_VIA	1.49	111.8748	10.979	1387177.638	1039112.168	2.984
	801	204.2646	19.046	89.2318	1.70	BORDE_VIA	1.49	92.4726	19.045	1387180.907	1039121.007	3.034
	802	245.2255	17.782	89.5235	1.70	BORDE_VIA	1.49	133.4084	17.782	1387169.509	1039114.898	2.869
	803	260.4658	16.640	90.0456	1.70	BORDE_VIA	1.49	148.8093	16.640	1387167.494	1039110.597	2.807
	804	268.2426	11.107	91.4222	1.70	SUMIDERO	1.49	156.4337	11.102	1387171.553	1039106.418	2.500
	805	266.2752	11.028	91.4223	1.70	SUMIDERO	1.49	154.4909	11.023	1387171.780	1039106.727	2.502
	806	266.2752	10.133	92.2252	1.70	SUMIDERO	1.49	154.4909	10.124	1387172.592	1039106.340	2.410
	807	270.2506	10.237	92.2251	1.70	SUMIDERO	1.49	158.4448	10.228	1387172.216	1039105.737	2.406
	808	270.4129	10.136	92.1838	1.70	SUMIDERO	1.49	158.7179	10.128	1387172.292	1039105.656	2.422
	809	268.3633	10.031	92.1838	1.70	SUMIDERO	1.49	156.6357	10.023	1387172.528	1039105.954	2.426
	810	270.3358	8.537	91.5032	1.90	SUMIDERO	1.49	158.5926	8.533	1387173.785	1039105.094	2.356
	811	274.5148	8.571	91.4115	1.90	SUMIDERO	1.49	162.8898	8.567	1387173.541	1039104.500	2.378
	812	233.0903	13.938	89.5039	1.90	SUMIDERO	1.49	121.1773	13.938	1387174.513	1039113.905	2.669
	813	231.0751	14.252	89.3738	1.90	SUMIDERO	1.49	119.1573	14.252	1387174.785	1039114.425	2.724
	814	231.5819	13.375	89.1904	1.90	SUMIDERO	1.49	119.9984	13.374	1387175.042	1039113.562	2.790
	815	182.0639	17.551	88.3310	1.90	BORDE_VIA	1.49	70.1373	17.545	1387187.690	1039118.481	3.074
	816	181.4559	10.616	87.3141	1.90	BORDE_VIA	1.49	69.7929	10.606	1387185.393	1039111.933	3.089
	817	137.2338	14.806	89.4735	1.90	BORDE_VIA	1.49	25.4204	14.806	1387195.101	1039108.335	2.684



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	818	109.1326	10.602	90.1639	1.90	BORDE_VIA	1.49	357.2504	10.602	1387192.319	1039101.471	2.580
	819	179.1033	3.083	82.0508	1.90	BORDE_VIA	1.49	67.2023	3.054	1387182.912	1039104.795	3.055
	820	111.2915	2.616	97.5456	1.90	SUMIDERO	1.49	359.5140	2.591	1387184.320	1039101.958	2.271
	821	123.5316	2.652	97.3343	1.90	SUMIDERO	1.49	11.9143	2.629	1387184.301	1039102.522	2.282
	822	111.1501	1.940	102.3955	1.90	SUMIDERO	1.49	359.2768	1.893	1387183.622	1039101.956	2.206
	823	101.0019	5.671	89.4357	1.90	POSTE	1.49	349.0318	5.671	1387187.296	1039100.901	2.657
	824	93.4015	6.123	92.2047	1.70	PARAMENTO	1.49	341.6973	6.118	1387187.537	1039100.058	2.580
	825	93.5640	14.617	91.1202	1.70	PARAMENTO	1.49	341.9709	14.614	1387195.625	1039097.457	2.525
	826	28.0221	14.544	92.1145	1.70	PARAMENTO	1.49	276.0657	14.533	1387183.265	1039087.528	2.274
	827	210.5314	3.961	86.0259	1.70	MANHOLE	1.49	98.9137	3.952	1387181.117	1039105.883	3.104
E11024-E11023	E11023	0.0000	117.961	90.0328	1.70	ESTACION	1.47	70.7859	117.955	1387220.548	1039213.364	3.379
	E11025	90.4506	164.917	90.0708	1.70	DELTA	1.47	341.5376	164.917	1387376.976	1039161.138	2.804
	828	0.3417	6.218	87.5542	1.70	BORDE_VIA	1.47	251.3573	6.214	1387218.561	1039207.476	3.371
	829	312.0445	8.576	88.3840	1.70	BORDE_VIA	1.47	202.8651	8.574	1387212.648	1039210.032	3.349
	830	258.4827	8.307	89.0206	1.70	MANHOLE	1.47	149.5934	8.306	1387213.384	1039217.568	3.286
	831	246.4608	7.894	89.0955	1.70	CANAleta	1.47	137.5548	7.893	1387214.723	1039218.691	3.261
	832	245.5742	7.456	89.1125	1.70	CANAleta	1.47	136.7476	7.455	1387215.118	1039218.472	3.251
	833	269.0234	7.300	89.0601	1.70	CANAleta	1.47	159.8287	7.299	1387213.696	1039215.881	3.260
	834	268.4158	6.816	89.1207	1.70	CANAleta	1.47	159.4854	6.815	1387214.165	1039215.752	3.241
	835	209.0653	13.020	89.0008	1.70	BORDE_VIA	1.47	99.9007	13.018	1387218.309	1039226.188	3.372
	836	179.2546	11.828	88.5217	1.70	BORDE_VIA	1.47	70.2154	11.826	1387224.551	1039224.491	3.379
	837	174.2059	7.783	89.3629	1.70	BORDE_VIA	1.47	65.1357	7.783	1387223.820	1039220.425	3.199
	838	139.1427	7.174	90.5727	1.70	BORDE_VIA	1.47	30.0268	7.173	1387226.758	1039216.953	3.026
	839	83.0827	3.953	90.2826	1.70	BORDE_VIA	1.47	333.9268	3.953	1387224.098	1039211.626	3.113
	840	22.1059	1.700	86.3718	1.70	BORDE_VIA	1.47	272.9690	1.697	1387220.636	1039211.669	3.246
	841	98.4537	13.019	90.3010	1.70	MANHOLE	1.47	349.5462	13.018	1387233.350	1039211.002	3.031
E11025-E11024	E11024	0.0000	164.915	89.4219	1.70	ESTACION	1.46	341.5376	164.917	1387376.976	1039161.138	2.804
	E11026	182.3221	48.730	89.4156	1.70	DELTA	1.46	344.0768	48.729	1387423.836	1039147.769	2.820
	842	356.2239	39.580	89.5507	1.70	BORDE_VIA	1.46	157.9151	39.580	1387340.300	1039176.019	2.620
	843	356.2415	35.131	89.5322	1.70	BORDE_VIA	1.46	157.9418	35.131	1387344.417	1039174.331	2.631
	844	2.2137	37.731	89.4751	1.70	MANHOLE	1.46	163.8979	37.731	1387340.726	1039171.602	2.697
	845	4.4856	34.717	89.5256	1.70	BORDE_VIA	1.46	166.3532	34.717	1387343.240	1039169.329	2.635
	846	93.4018	4.588	88.4550	1.70	BORDE_VIA	1.46	255.2093	4.587	1387375.805	1039156.703	2.662
	847	149.3747	10.388	89.3546	1.70	BORDE_VIA	1.46	311.1673	10.388	1387383.814	1039153.318	2.637
	848	356.5513	4.579	87.3247	1.70	BORDE_VIA	1.46	158.4579	4.575	1387372.721	1039162.817	2.760
	849	187.5121	2.917	85.1955	1.70	BORDE_VIA	1.46	349.3934	2.907	1387379.834	1039160.602	2.801



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	850	194.5512	7.892	87.5740	1.70	BORDE_VIA	1.46	356.4576	7.887	1387384.848	1039160.650	2.844
	851	76.5219	7.431	88.5641	1.70	POSTE	1.46	238.4095	7.430	1387373.084	1039154.809	2.700
	852	115.2949	6.232	88.1702	1.70	CAMA_TELEF	1.46	277.0345	6.229	1387377.739	1039154.955	2.750
E11026-E11025	E11025	0.0000	48.736	89.4700	1.70	ESTACION	1.49	344.0768	48.729	1387423.836	1039147.769	2.820
	E11027	266.0646	67.417	89.4752	1.70	DELTA	1.49	70.1895	67.417	1387446.684	1039211.196	2.850
	853	9.0705	6.493	87.5844	1.70	BORDE_VIA	1.49	173.1948	6.489	1387417.393	1039148.538	2.841
	854	335.0742	2.627	85.0941	1.70	BORDE_VIA	1.49	139.2051	2.618	1387421.854	1039149.479	2.833
	855	282.3805	6.117	87.3116	1.70	BORDE_VIA	1.49	86.7115	6.111	1387424.187	1039153.870	2.876
	856	255.0554	6.074	87.3115	1.70	BORDE_VIA	1.49	59.1751	6.068	1387426.945	1039152.980	2.874
	857	169.1437	1.921	84.0006	1.70	BORDE_VIA	1.49	333.3204	1.910	1387425.543	1039146.911	2.812
	858	169.5428	13.949	88.3138	1.70	BORDE_VIA	1.49	333.9845	13.944	1387436.367	1039141.653	2.970
	859	146.4132	15.656	89.2500	1.70	BORDE_VIA	1.49	310.7690	15.655	1387434.059	1039135.912	2.771
	860	125.4543	9.289	88.5545	1.70	BORDE_VIA	1.49	289.8387	9.287	1387426.988	1039139.033	2.785
	861	41.4746	7.226	89.4351	1.70	BORDE_VIA	1.49	205.8729	7.226	1387417.334	1039144.616	2.646
	862	209.5836	5.178	80.1339	1.70	PARAMENTO	1.49	14.0534	5.103	1387428.786	1039149.008	3.491
	863	188.1805	13.789	86.2124	1.70	PARAMENTO	1.49	352.3782	13.761	1387437.476	1039145.944	3.488
	864	328.2755	5.898	87.0201	1.70	PARAMENTO	1.49	132.5420	5.890	1387419.853	1039152.108	2.917
E11027-E11026	E11026	0.0000	67.413	89.5202	1.70	ESTACION	1.51	70.1895	67.417	1387446.684	1039211.196	2.850
	E11000	215.2637	8.691	89.1036	1.70	DELTA	1.51	105.6332	8.690	1387444.342	1039219.564	2.780
	E11028	180.5706	70.354	89.4533	1.70	DELTA	1.51	71.1412	70.353	1387469.425	1039277.772	2.951
	865	284.0204	6.555	81.3242	1.70	PARAMENTO	1.51	174.2240	6.484	1387440.233	1039211.848	3.619
	866	205.2322	14.911	87.3708	1.70	PARAMENTO	1.51	95.5790	14.898	1387445.236	1039226.023	3.275
	867	194.1905	26.260	89.0326	1.70	PARAMENTO	1.51	84.5076	26.256	1387449.197	1039237.331	3.088
	868	191.0038	25.541	89.0326	1.70	POSTE	1.51	81.2001	25.538	1387450.591	1039236.432	3.076
	869	168.2315	19.111	86.0043	2.60	PARAMENTO	1.51	58.5770	19.065	1387456.624	1039227.464	3.085
	870	160.1616	12.130	88.1559	1.70	PARAMENTO	1.51	50.4607	12.124	1387454.403	1039220.546	3.023
	871	135.5656	16.144	88.3605	1.70	PARAMENTO	1.51	26.1384	16.139	1387461.173	1039218.306	3.050
	872	103.3449	10.866	89.0134	1.70	BORDE_VIA	1.51	353.7698	10.864	1387457.484	1039210.016	2.840
	873	127.0157	13.771	89.4939	1.70	BORDE_VIA	1.51	17.2220	13.771	1387459.838	1039215.273	2.697
	874	150.4450	3.004	87.1409	1.70	BORDE_VIA	1.51	40.9368	3.001	1387448.951	1039213.162	2.800
	875	168.3243	8.955	89.3325	1.70	BORDE_VIA	1.51	58.7348	8.955	1387451.332	1039218.850	2.725
	876	173.1308	11.940	89.2045	1.70	BORDE_VIA	1.51	63.4084	11.939	1387452.028	1039221.872	2.792
	877	195.3424	11.556	89.2045	1.70	BORDE_VIA	1.51	85.7629	11.555	1387447.538	1039222.719	2.787
	878	206.4004	11.555	88.5458	1.70	POSTE	1.51	96.8573	11.553	1387445.305	1039222.666	2.874
	879	204.4159	12.226	87.2208	1.70	POSTE	1.51	94.8893	12.213	1387445.643	1039223.364	3.217
	880	229.5552	16.736	88.5632	1.70	POSTE	1.51	120.1207	16.733	1387438.287	1039225.669	2.965



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	881	101.4453	10.741	88.4421	1.70	CERRAMIENT	1.51	351.9376	10.738	1387457.316	1039209.689	2.892
	882	136.3927	2.850	85.0242	1.70	CERRAMIENT	1.51	26.8470	2.839	1387449.217	1039212.478	2.902
	883	12.5512	7.635	87.2838	1.70	CERRAMIENT	1.51	263.1095	7.628	1387445.769	1039203.623	2.992
	884	22.4740	8.244	85.0726	1.70	CERRAMIENT	1.51	272.9840	8.214	1387447.112	1039202.992	3.356
E11000-E11027	E11027	0.0000	8.695	88.0744	1.70	ESTACION	1.48	105.6332	8.690	1387444.342	1039219.564	2.780
	E11001	234.5042	89.946	89.5017	1.70	DELTA	1.48	160.4782	89.946	1387359.567	1039249.621	2.819
	885	28.4845	7.165	88.0753	1.70	MANHOLE	1.48	314.4457	7.161	1387449.357	1039214.452	2.798
	886	228.3844	35.442	89.2326	1.70	POSTE	1.48	154.2787	35.440	1387412.414	1039234.945	2.941
	887	224.2533	33.871	88.5451	1.70	PARAMENTO	1.48	150.0590	33.865	1387414.997	1039236.466	3.206
E11028-E11027	E11027	0.0000	70.354	89.5433	1.70	ESTACION	1.48	71.1412	70.353	1387469.425	1039277.772	2.951
	888	297.2610	5.888	84.4047	1.70	PARAMENTO	1.48	188.5773	5.863	1387463.628	1039276.898	3.281
	889	321.3242	4.241	87.1248	1.70	BORDE_VIA	1.48	212.6862	4.236	1387465.860	1039275.485	2.941
	890	25.2639	3.685	87.0125	1.70	BORDE_VIA	1.48	276.5854	3.680	1387469.847	1039274.116	2.927
	891	4.0642	52.480	89.2836	1.70	LINDERO	1.48	255.2529	52.478	1387456.067	1039227.023	3.215
	892	18.1919	9.410	88.0252	1.70	LINDERO	1.48	269.4632	9.405	1387469.337	1039268.368	3.056
	893	74.1440	13.611	88.4644	1.70	PARAMENTO	1.48	325.3857	13.608	1387480.624	1039270.042	3.025
	894	59.4402	15.220	88.5305	1.70	PARAMENTO	1.48	310.8751	15.217	1387479.383	1039266.266	3.032
	895	81.2137	25.109	89.3543	1.70	PARAMENTO	1.48	332.5015	25.108	1387491.697	1039266.179	2.913
	896	55.4546	17.233	88.5809	1.70	PARAMENTO	1.48	306.9040	17.230	1387479.771	1039263.994	3.045
	897	44.4425	18.040	89.0322	1.70	PARAMENTO	1.48	295.8815	18.038	1387477.298	1039261.544	3.032
	898	137.5655	20.016	89.4242	1.70	PARAMENTO	1.48	29.0898	20.016	1387486.916	1039287.503	2.836
	899	151.4747	13.754	90.0035	1.70	PARAMENTO	1.48	42.9376	13.754	1387479.494	1039287.141	2.733
	900	21.1238	35.438	89.2512	1.70	PARAMENTO	1.48	272.3518	35.436	1387470.879	1039242.366	3.094
	901	220.4653	16.405	87.1546	1.70	PARAMENTO	1.48	111.9226	16.386	1387463.307	1039292.974	3.519
	902	227.4722	17.265	89.2855	1.70	POSTE	1.48	118.9307	17.264	1387461.073	1039292.882	2.891
	903	346.1608	18.366	89.1756	1.70	POSTE	1.48	237.4101	18.365	1387459.533	1039262.299	2.960
	904	281.3329	13.175	87.5708	1.70	PARAMENTO	1.48	172.6993	13.167	1387456.365	1039279.445	3.206
	905	232.5017	11.842	88.5837	1.70	MANHOLE	1.48	123.9793	11.840	1387462.808	1039287.590	2.947
	906	237.1510	11.495	88.5837	1.70	MANHOLE	1.48	128.3940	11.493	1387462.287	1039286.780	2.941
	907	230.3218	10.993	88.4907	1.70	MANHOLE	1.48	121.6795	10.991	1387463.653	1039287.125	2.962
	908	170.0617	4.383	86.4651	1.70	MANHOLE	1.48	61.2459	4.376	1387471.530	1039281.609	2.981
	909	157.0533	4.600	87.0528	1.70	MANHOLE	1.48	48.2337	4.594	1387472.485	1039281.199	2.969
	910	171.3131	5.447	87.2310	1.70	MANHOLE	1.48	62.6665	5.441	1387471.923	1039282.606	2.984
	911	97.4833	40.418	89.2816	1.70	MANHOLE	1.48	348.9504	40.416	1387509.092	1039270.026	3.108
	912	99.3649	40.514	89.2816	1.70	MANHOLE	1.48	350.7548	40.512	1387509.411	1039271.264	3.109
	913	99.4627	39.048	89.2659	1.70	MANHOLE	1.48	350.9154	39.046	1387507.981	1039271.607	3.110



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	914	110.5203	8.497	89.0813	1.70	BORDE_VIA	1.48	2.0087	8.496	1387477.916	1039278.070	2.863
	915	93.0338	9.380	88.3309	1.70	BORDE_VIA	1.48	344.2018	9.377	1387478.448	1039275.219	2.972
	916	126.2649	18.599	90.0603	1.70	BORDE_VIA	1.48	17.5882	18.599	1387487.154	1039283.392	2.703
	917	119.3804	22.089	90.0840	1.70	BORDE_VIA	1.48	10.7757	22.089	1387491.124	1039281.902	2.680
	918	227.4534	2.732	86.1614	1.70	BORDE_VIA	1.48	118.9007	2.726	1387468.107	1039280.159	2.913
	919	241.0836	11.812	89.4726	1.70	BORDE_VIA	1.48	132.2845	11.812	1387461.478	1039286.511	2.778
	920	230.3803	18.100	90.0151	1.70	BORDE_VIA	1.48	121.7754	18.100	1387459.894	1039293.159	2.726
	921	237.3600	19.716	90.2824	1.70	BORDE_VIA	1.48	128.7412	19.715	1387457.087	1039293.150	2.572
	922	252.1936	12.078	89.4844	1.70	BORDE_VIA	1.48	143.4679	12.078	1387459.720	1039284.962	2.775
	923	252.1118	23.701	90.1707	1.70	DES_DOMICI	1.48	143.3295	23.701	1387450.415	1039291.927	2.617
	924	254.1316	23.467	90.1237	1.70	DES_DOMICI	1.48	145.3623	23.467	1387450.117	1039291.110	2.649
	925	254.1622	22.122	90.2409	1.70	DES_DOMICI	1.48	145.4140	22.121	1387451.213	1039290.329	2.580
	926	251.4122	22.642	90.2556	1.70	DES_DOMICI	1.48	142.8307	22.641	1387451.383	1039291.451	2.564
	927	243.5547	21.137	90.5451	1.70	DESC_CLAVE	1.48	135.0709	21.134	1387454.462	1039292.698	2.398
	928	244.0737	21.252	93.2009	1.70	DESC_BATEA	1.48	135.2682	21.216	1387454.353	1039292.704	1.499
	929	242.0429	19.032	90.2411	1.70	TUBO	1.48	133.2159	19.032	1387456.393	1039291.642	2.601
	930	247.4416	21.433	92.3642	1.70	BORDE_CANO	1.48	138.8790	21.411	1387453.296	1039291.853	1.759
	931	242.5922	23.955	91.5644	1.70	BORDE_CANO	1.48	134.1307	23.941	1387452.755	1039294.956	1.922
	932	251.4035	24.990	92.0756	1.70	BORDE_CANO	1.48	142.8176	24.973	1387449.529	1039292.865	1.806
E11001		0.0000				ESTACION		0.0000		1387359.542	1039249.711	2.770
E11003	E11001	0.0000	10.607	88.5130	1.70	ESTACION	1.48	3.8029		1387370.104	1039250.413	2.784
	E11029	248.3042	64.268	89.4507	1.70	DELTA	1.48	72.3145	64.267	1387389.628	1039311.643	2.838
	993	234.5346	14.698	88.2405	1.70	POSTE	1.48	58.6990	14.692	1387377.737	1039262.967	2.969
	994	251.0736	38.315	89.3745	1.70	POSTE	1.48	74.9295	38.314	1387380.066	1039287.410	2.807
	995	249.5754	39.180	89.4008	1.70	BORDE_VIA	1.48	73.7679	39.179	1387381.056	1039288.031	2.786
	996	244.3432	39.085	89.4007	1.70	BORDE_VIA	1.48	68.3784	39.084	1387384.506	1039286.747	2.785
	997	243.4739	47.676	89.3806	1.70	POSTE	1.48	67.5970	47.675	1387388.274	1039294.490	2.863
	998	246.0710	55.274	89.4720	1.70	MANHOLE	1.48	69.9223	55.274	1387389.079	1039302.328	2.763
	999	248.4140	62.169	89.4946	1.70	BORDE_VIA	1.48	72.4973	62.169	1387388.801	1039309.704	2.744
	1000	245.3835	62.171	89.4946	1.70	BORDE_VIA	1.48	69.4459	62.171	1387391.932	1039308.626	2.744
	1001	245.1327	62.108	89.5607	1.70	CANAleta	1.48	69.0270	62.108	1387392.334	1039308.406	2.630
	1002	245.2704	62.076	89.5607	1.70	CANAleta	1.48	69.2540	62.076	1387392.093	1039308.464	2.630
	1003	253.3558	21.776	89.5247	1.70	CANAleta	1.48	77.4023	21.776	1387374.853	1039271.665	2.605
	1004	252.5507	21.756	89.5248	1.70	CANAleta	1.48	76.7215	21.756	1387375.101	1039271.587	2.605
	1005	241.1558	22.626	89.4456	1.70	CANAleta	1.48	65.0690	22.626	1387379.641	1039270.931	2.659
	1006	241.5345	22.614	89.4456	1.70	CANAleta	1.48	65.6987	22.614	1387379.410	1039271.023	2.659



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1007	320.2617	2.736	89.0240	1.70	CANALETA	1.48	144.2409	2.736	1387367.884	1039252.012	2.605
	1008	320.1110	2.528	88.5148	1.70	CANALETA	1.48	143.9890	2.528	1387368.059	1039251.899	2.610
	1009	357.4749	3.687	89.5631	1.70	CANALETA	1.48	181.5998	3.687	1387366.418	1039250.310	2.563
	1010	355.2505	3.448	90.0914	1.70	CANALETA	1.48	179.2209	3.448	1387366.656	1039250.460	2.550
	1011	352.2027	5.462	91.0746	1.70	CANALETA	1.48	176.1437	5.461	1387364.655	1039250.780	2.452
	1012	349.2022	5.463	90.4837	1.70	CANALETA	1.48	173.1423	5.462	1387364.681	1039251.065	2.482
	1013	4.5247	4.949	88.3053	1.70	CANALETA	1.48	188.6826	4.947	1387365.213	1039249.666	2.688
	1014	7.3648	4.886	88.4034	1.70	CANALETA	1.48	191.4162	4.885	1387365.316	1039249.446	2.672
	1015	127.3732	2.890	91.1710	1.70	CANALETA	1.48	311.4284	2.889	1387372.016	1039248.247	2.495
	1016	125.1550	2.685	91.2124	1.70	CANALETA	1.48	309.0668	2.684	1387371.796	1039248.329	2.496
E11029-E11003	E11003	0.0001	64.267	89.4840	1.70	ESTACION	1.43	72.3145	64.267	1387389.628	1039311.643	2.838
	1017	347.2755	2.209	85.3103	1.70	CANALETA	1.43	239.7798	2.202	1387388.519	1039309.740	2.742
	1018	340.4955	2.284	85.4309	1.70	CANALETA	1.43	233.1465	2.278	1387388.262	1039309.821	2.740
	1019	139.4403	5.847	90.3521	1.70	CANALETA	1.43	32.0487	5.847	1387394.583	1039314.746	2.510
	1020	141.4617	5.688	90.2944	1.70	CANALETA	1.43	34.0859	5.688	1387394.338	1039314.831	2.520
	1021	70.1356	7.019	85.5531	1.70	PARAMENTO	1.43	322.5468	7.001	1387395.186	1039307.386	3.068
	1022	85.0915	38.814	89.1825	1.70	PARAMENTO	1.43	337.4687	38.811	1387425.477	1039296.771	3.039
	1023	302.3101	3.908	83.1657	1.70	PARAMENTO	1.43	194.8315	3.881	1387385.876	1039310.650	3.027
	1024	102.1352	21.037	90.2344	1.50	DES_DOMICI	1.43	354.5457	21.036	1387410.569	1039309.644	2.624
	1025	99.0122	20.227	90.1649	1.50	DES_DOMICI	1.43	351.3373	20.227	1387409.624	1039308.597	2.671
	1026	89.2429	41.892	90.2925	2.40	DESC_BATEA	1.43	341.7226	41.890	1387429.405	1039298.506	1.511
	1027	89.2632	41.917	90.0119	2.40	DESC_CLAVE	1.43	341.7568	41.917	1387429.438	1039298.521	1.854
	1028	88.1600	41.946	89.5247	1.70	TUBO	1.43	340.5812	41.946	1387429.188	1039297.697	2.658
	1029	91.5401	40.870	89.5653	1.70	BORDE_CANO	1.43	344.2148	40.870	1387428.957	1039300.525	2.607
	1030	95.3205	39.797	90.2808	2.40	BORDE_CANO	1.43	347.8493	39.796	1387428.532	1039303.267	1.544
	1031	90.2907	42.254	89.2746	2.60	BORDE_CANO	1.43	342.7998	42.252	1387429.990	1039299.149	2.066
	1032	96.5132	31.038	91.3834	1.70	BORDE_CANO	1.43	349.1734	31.025	1387420.101	1039305.816	1.680
	1033	92.3122	42.138	89.3804	2.60	BORDE_CANO	1.43	344.8373	42.137	1387430.298	1039300.622	1.938
	1034	115.0907	15.026	93.4903	1.70	BORDE_CANO	1.43	7.4665	14.993	1387404.493	1039313.591	1.569
	1035	134.4019	10.287	95.0738	1.70	BORDE_CANO	1.43	26.9865	10.246	1387398.758	1039316.293	1.650
	1036	163.1141	8.768	96.1126	1.70	BORDE_CANO	1.43	55.5093	8.717	1387394.564	1039318.828	1.624
	1037	179.4734	10.246	96.0106	1.70	BORDE_CANO	1.43	72.1073	10.190	1387392.758	1039321.340	1.495
	1038	178.3024	8.470	97.1055	1.70	BORDE_CANO	1.43	70.8212	8.404	1387392.389	1039319.580	1.511
	1039	179.3408	11.341	92.2049	1.70	TERRENO	1.43	71.8834	11.331	1387393.151	1039322.413	2.105
	1040	190.3439	4.452	83.4532	1.70	POSTE	1.43	82.8920	4.426	1387390.175	1039316.035	3.054
	1041	179.1716	13.554	89.2132	1.70	TERRENO	1.43	71.6023	13.553	1387393.905	1039324.504	2.721



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1042	185.0550	11.008	93.2359	1.70	TERRENO	1.43	77.4118	10.989	1387392.023	1039322.368	1.917
	1043	141.4703	5.952	90.5532	1.70	CANO	1.43	34.0987	5.951	1387394.556	1039314.980	2.474
	1044	149.0848	7.420	92.3028	1.70	CANO	1.43	41.4612	7.413	1387395.183	1039316.551	2.245
	1045	154.1712	8.621	94.4222	1.70	CANO	1.43	46.6012	8.592	1387395.531	1039317.886	1.862
	1046	168.1618	11.611	91.2030	1.70	LINDERO	1.43	60.5862	11.608	1387395.329	1039321.755	2.298
	1047	132.3840	15.840	90.4936	1.70	LINDERO	1.43	24.9590	15.838	1387403.987	1039318.327	2.341
	1048	132.1449	13.164	95.0100	1.70	BORDE_CANO	1.43	24.5615	13.114	1387401.555	1039317.094	1.419
	1049	141.3904	11.581	95.4938	1.70	BORDE_CANO	1.43	33.9657	11.521	1387399.183	1039318.080	1.394
E11006		0.0000				ESTACION		0.0000		1387331.335	1039260.911	2.888
E11005	E11006	0.0000	42.373	89.4602	1.70	ESTACION	1.44	159.1954		1387291.727	1039275.960	2.974
	E11030	93.1543	69.801	89.5742	1.70	DELTA	1.44	72.4573	69.801	1387312.766	1039342.515	2.761
	958	104.0323	21.772	89.0302	1.70	POSTE	1.44	83.2518	21.769	1387294.285	1039297.579	3.075
	959	87.3442	21.474	87.4819	1.70	POSTE	1.44	66.7737	21.458	1387300.190	1039295.680	3.537
	960	100.4922	40.470	89.5146	1.70	PARAMENTO	1.44	80.0182	40.470	1387298.742	1039315.818	2.811
	961	92.2232	21.439	89.1754	1.70	BORDE_VIA	1.44	71.5710	21.437	1387298.504	1039296.298	2.977
	962	99.2848	21.435	89.1039	1.70	BORDE_VIA	1.44	78.6754	21.433	1387295.936	1039296.976	3.022
	963	101.4807	42.359	85.1510	5.00	POSTE	1.44	80.9973	42.214	1387298.333	1039317.654	2.920
	964	101.2047	12.776	89.3459	1.70	SUMIDERO	1.44	80.5418	12.776	1387293.827	1039288.562	2.807
	965	102.2812	12.823	89.3500	1.70	SUMIDERO	1.44	81.6654	12.823	1387293.586	1039288.648	2.808
	966	102.1907	13.066	89.3500	1.70	SUMIDERO	1.44	81.5140	13.066	1387293.655	1039288.883	2.809
	967	95.0349	40.675	90.0418	1.70	SUMIDERO	1.44	74.2590	40.675	1387302.762	1039315.110	2.663
	968	94.2326	40.300	90.0418	1.70	SUMIDERO	1.44	73.5860	40.300	1387303.115	1039314.618	2.664
E11030-E11005	E11005	0.0000	69.809	89.3607	1.70	ESTACION	1.42	72.4573	69.801	1387312.766	1039342.515	2.761
	969	355.3344	3.140	87.0653	1.70	SUMIDERO	1.42	248.0196	3.136	1387311.593	1039339.607	2.640
	970	2.4727	3.044	86.5419	1.70	SUMIDERO	1.42	255.2482	3.040	1387311.992	1039339.576	2.646
	971	1.4210	2.741	86.3858	1.70	SUMIDERO	1.42	254.1601	2.736	1387312.019	1039339.883	2.642
	972	353.1013	2.232	83.4659	1.70	MANHOLE	1.42	245.6276	2.219	1387311.851	1039340.494	2.724
	973	338.3855	4.206	88.0729	1.70	SUMIDERO	1.42	231.1060	4.204	1387310.127	1039339.243	2.620
	974	343.2630	4.124	88.0729	1.70	SUMIDERO	1.42	235.8990	4.122	1387310.455	1039339.102	2.617
	975	345.1850	4.657	88.0142	1.70	SUMIDERO	1.42	237.7712	4.654	1387310.284	1039338.578	2.642
	976	12.3745	12.003	83.3831	2.40	POSTE	1.42	265.0865	11.929	1387311.745	1039330.630	3.111
	977	261.5530	39.936	88.5843	1.70	LINDERO	1.42	154.3823	39.930	1387276.762	1039359.779	3.194
	978	38.0646	3.624	85.0826	1.70	PARAMENTO	1.42	290.5701	3.611	1387314.035	1039339.134	2.789
	979	146.5905	3.566	77.3654	1.70	PARAMENTO	1.42	39.4421	3.483	1387315.456	1039344.728	3.247
	980	246.2819	10.121	87.1223	1.70	LINDERO	1.42	138.9293	10.109	1387305.145	1039349.157	2.975
	981	201.4537	12.522	91.0004	2.80	DESC_BATEA	1.42	94.2176	12.520	1387311.846	1039355.001	1.163



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	982	201.3032	12.585	88.5750	2.70	DESC_CLAVE	1.42	93.9662	12.583	1387311.896	1039355.068	1.710
	983	199.2837	13.195	90.1231	2.90	BORDE_CANO	1.42	91.9343	13.195	1387312.321	1039355.702	1.234
	984	197.1733	14.582	90.2813	2.90	BORDE_CANO	1.42	89.7498	14.582	1387312.830	1039357.096	1.162
	985	195.5908	14.467	90.2638	2.90	BORDE_CANO	1.42	88.4429	14.467	1387313.159	1039356.976	1.170
	986	200.2708	15.169	90.2738	2.90	DES_DOMICI	1.42	92.9096	15.169	1387311.996	1039357.664	1.160
	987	180.4722	13.571	88.4056	3.40	BORDE_CANO	1.42	73.2468	13.567	1387316.677	1039355.507	1.094
	988	262.5555	43.241	88.5238	1.50	BORDE_VIA	1.42	155.3893	43.233	1387273.461	1039360.519	3.529
	989	268.0130	43.106	88.5222	1.50	BORDE_VIA	1.42	160.4823	43.098	1387272.145	1039356.914	3.530
	990	261.0148	18.826	89.1807	1.50	BORDE_VIA	1.42	153.4873	18.825	1387295.921	1039350.918	2.911
	991	271.2913	18.623	89.2422	1.50	BORDE_VIA	1.42	163.9443	18.622	1387294.871	1039347.665	2.875
	992	301.2518	6.528	87.2823	1.70	POSTE	1.42	193.8790	6.522	1387306.435	1039340.951	2.770
E11001		0.0000				ESTACION		0.0000		1387359.542	1039249.711	2.770
E11006	E11001	0.0000	30.352	89.4327	1.70	ESTACION	1.44	158.3434		1387331.335	1039260.911	2.888
	933	60.2008	5.666	85.5926	1.70	PARAMENTO	1.44	38.6789	5.652	1387335.747	1039264.443	3.024
	934	87.1111	16.851	88.5707	1.70	POSTE	1.44	65.5297	16.848	1387338.314	1039276.246	2.936
	935	91.5945	16.326	89.1427	1.70	BORDE_VIA	1.44	70.3392	16.325	1387336.827	1039276.284	2.844
	936	102.0806	16.437	89.2412	1.70	BORDE_VIA	1.44	80.4784	16.436	1387334.054	1039277.121	2.799
	937	104.5324	23.819	89.0511	1.70	POSTE	1.44	83.2334	23.816	1387334.141	1039284.561	3.008
	938	92.0328	52.783	89.3725	1.70	POSTE	1.44	70.4011	52.782	1387349.040	1039310.635	2.975
	939	97.3431	58.785	89.2051	1.70	POSTE	1.44	75.9186	58.781	1387345.636	1039317.926	3.298
	940	97.2937	76.880	89.4019	1.70	PARAMENTO	1.44	75.8370	76.879	1387350.146	1039335.453	3.068
	941	90.2742	74.958	89.2424	1.70	PARAMENTO	1.44	68.8050	74.954	1387358.434	1039330.795	3.404
	942	92.5546	75.658	89.5246	1.70	BORDE_VIA	1.44	71.2728	75.658	1387355.626	1039332.563	2.787
	943	95.4216	76.714	89.5243	1.70	BORDE_VIA	1.44	74.0478	76.714	1387352.419	1039334.671	2.791
	944	93.1953	76.868	90.3439	1.70	DESC_CLAVE	1.44	71.6747	76.864	1387355.502	1039333.877	1.853
	945	93.2110	76.924	90.5912	1.70	DESC_BATEA	1.44	71.6961	76.913	1387355.490	1039333.932	1.303
	946	93.1423	76.546	90.2610	1.70	TUBO	1.44	71.5831	76.544	1387355.517	1039333.535	2.045
	947	93.3103	77.393	90.5222	1.70	BORDE_CANO	1.44	71.8609	77.384	1387355.427	1039334.449	1.449
	948	93.0640	77.281	90.5030	1.70	BORDE_CANO	1.44	71.4545	77.273	1387355.912	1039334.171	1.493
	949	93.3257	78.902	90.4755	1.70	BORDE_CANO	1.44	71.8925	78.894	1387355.855	1039335.898	1.528
	950	93.5714	82.651	90.1551	1.70	TERRENO	1.44	72.2972	82.650	1387356.467	1039339.647	2.247
	951	95.4356	80.063	90.5734	1.70	BORDE_CANO	1.44	74.0756	80.052	1387353.299	1039337.891	1.287
	952	93.0636	79.583	90.5712	1.70	BORDE_CANO	1.44	71.4534	79.572	1387356.645	1039336.351	1.304
	953	93.0722	80.200	90.5725	1.70	BORDE_CANO	1.44	71.4661	80.189	1387356.824	1039336.941	1.289
	954	97.0202	78.383	90.0535	1.70	TERRENO	1.44	75.3772	78.383	1387351.123	1039336.755	2.501
	955	95.4007	80.862	90.5603	1.70	BORDE_CANO	1.44	74.0120	80.851	1387353.604	1039338.635	1.310



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	956	94.3421	77.796	90.1049	1.70	TERRENO	1.44	72.9159	77.796	1387354.189	1039335.274	2.383
	957	95.4837	82.359	90.3411	1.70	TERRENO	1.44	74.1536	82.355	1387353.823	1039340.136	1.809
E11011		0.0000				ESTACION		0.0000		1387154.596	1039301.226	2.649
E11010	E11011	0.0000	82.396	90.2057	1.70	ESTACION	1.44	82.0609		1387165.975	1039382.823	3.412
	E11031	168.1339	39.647	89.4422	1.70	DELTA	1.44	70.2884	39.647	1387179.347	1039420.146	3.334
E11031-E11010	E11010	0.0000	39.654	89.3138	1.70	ESTACION	1.43	70.2884	39.647	1387179.347	1039420.146	3.334
	E11032	86.0414	8.131	87.0416	1.70	DELTA	1.43	336.3590	8.120	1387186.786	1039416.890	3.484
	1050	110.5631	8.014	86.5840	1.70	PARAMENTO	1.43	1.2304	8.003	1387187.348	1039420.318	3.491
	1051	155.2456	3.531	83.1152	1.70	PARAMENTO	1.43	45.7040	3.506	1387181.796	1039422.655	3.486
	1052	246.1307	9.335	85.0926	2.00	PARAMENTO	1.43	136.5070	9.302	1387172.599	1039426.548	3.556
	1053	244.3557	5.941	88.0441	1.70	POSTE	1.43	134.8876	5.938	1387175.157	1039424.353	3.267
	1054	264.5131	14.764	88.2543	1.70	MANHOLE	1.43	155.1470	14.758	1387165.955	1039426.349	3.473
	1055	197.3158	3.454	82.3142	1.70	LINDERO	1.43	87.8212	3.425	1387179.477	1039423.568	3.517
	1056	283.3028	19.063	89.2230	1.70	LINDERO	1.43	173.7962	19.062	1387160.397	1039422.206	3.276
	1057	279.4742	19.943	89.5644	1.70	LINDERO	1.43	170.0834	19.943	1387159.702	1039423.580	3.087
	1058	282.0951	18.985	89.2436	1.70	ARBOL	1.43	172.4526	18.984	1387160.527	1039422.639	3.264
	1059	268.3232	22.082	92.4013	1.70	LINDERO	1.43	158.8307	22.058	1387158.777	1039428.112	2.039
	1060	262.3342	14.594	89.5033	1.70	TUBO_MH	1.43	152.8501	14.594	1387166.361	1039426.805	3.108
	1061	256.4112	14.617	90.0158	1.70	TUBO_MH	1.43	146.9751	14.617	1387167.092	1039428.112	3.060
	1062	266.0212	21.412	92.2055	2.50	DESC_BATEA	1.43	156.3251	21.394	1387159.754	1039428.737	1.391
	1063	266.0412	21.371	91.4121	2.50	DESC_CLAVE	1.43	156.3584	21.362	1387159.778	1039428.712	1.638
	1064	267.3900	21.333	92.1354	1.70	ESTRUCTURA	1.43	157.9384	21.317	1387159.591	1039428.153	2.237
	1065	264.4406	21.371	92.1137	1.70	ESTRUCTURA	1.43	155.0234	21.355	1387159.989	1039429.163	2.250
	1066	266.0230	20.684	91.2259	1.70	TUBO	1.43	156.3301	20.678	1387160.409	1039428.447	2.569
	1067	266.2803	22.783	92.0607	2.50	BORDE_CANO	1.43	156.7559	22.768	1387158.427	1039429.131	1.433
	1068	265.0526	23.039	93.1819	2.00	BORDE_CANO	1.43	155.3790	23.001	1387158.437	1039429.728	1.440
	1069	266.4856	21.429	93.5243	1.70	BORDE_CANO	1.43	157.1040	21.380	1387159.652	1039428.464	1.619
	1070	265.2522	21.449	94.0331	1.70	BORDE_CANO	1.43	155.7112	21.395	1387159.846	1039428.947	1.550
	1071	268.0601	25.984	93.1841	2.00	BORDE_CANO	1.43	158.3887	25.941	1387155.230	1039429.700	1.267
	1072	267.0002	26.215	93.0757	2.00	BORDE_CANO	1.43	157.2890	26.176	1387155.201	1039430.252	1.336
	1073	270.0536	29.225	93.1613	2.00	BORDE_CANO	1.43	160.3818	29.177	1387151.863	1039429.942	1.101
	1074	268.5320	29.257	93.2102	2.00	BORDE_CANO	1.43	159.1773	29.207	1387152.048	1039430.528	1.058
	1075	265.3547	30.582	93.1334	2.00	BORDE_CANO	1.43	155.8848	30.534	1387151.478	1039432.621	1.047
	1076	275.5129	28.790	92.1053	2.00	BORDE_CANO	1.43	166.1465	28.769	1387151.415	1039427.034	1.672
E11032-E11031	E11031	0.0000	8.114	89.1512	1.70	ESTACION	1.44	336.3590	8.120	1387186.786	1039416.890	3.484
	E11033	271.2456	42.451	89.3918	1.70	DELTA	1.44	67.7745	42.450	1387202.843	1039456.186	3.474



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1077	272.4748	21.437	89.1720	1.70	PARAMENTO	1.44	69.1557	21.435	1387194.413	1039436.922	3.485
	1078	217.3931	5.994	81.1957	1.70	PARAMENTO	1.44	14.0176	5.926	1387192.535	1039418.325	4.122
	1079	196.1334	4.738	87.2204	1.70	BORDE_VIA	1.44	352.5851	4.733	1387191.479	1039416.279	3.436
	1080	153.5735	5.279	88.0841	1.70	BORDE_VIA	1.44	310.3187	5.276	1387190.200	1039412.867	3.390
	1081	173.1525	22.049	89.3949	1.70	BORDE_VIA	1.44	329.6159	22.049	1387205.806	1039405.738	3.348
	1082	181.3431	21.904	89.4319	1.70	BORDE_VIA	1.44	337.9343	21.904	1387207.085	1039408.661	3.325
	1083	189.4430	21.005	89.2014	1.70	PARAMENTO	1.44	346.1007	21.004	1387207.174	1039411.844	3.462
	1084	187.0042	21.705	89.3447	1.70	POSTE	1.44	343.3707	21.704	1387207.583	1039410.678	3.378
E11033-E11032	E11032	0.0001	42.449	89.4046	1.70	ESTACION	1.46	67.7745	42.450	1387202.843	1039456.186	3.474
	1085	59.0023	6.041	87.4120	1.70	PARAMENTO	1.46	306.7809	6.036	1387206.457	1039451.351	3.482
	1086	73.5905	11.632	88.3436	1.70	PARAMENTO	1.46	321.7593	11.628	1387211.976	1039448.988	3.527
	1087	87.2206	11.211	88.5403	1.70	BORDE_VIA	1.46	335.1429	11.209	1387213.013	1039451.474	3.453
	1088	99.2216	10.892	88.4512	1.70	BORDE_VIA	1.46	347.1457	10.889	1387213.459	1039453.763	3.475
	1089	131.5022	5.809	85.2612	1.70	PARAMENTO	1.46	19.6140	5.791	1387208.297	1039458.130	3.700
	1090	91.5428	22.467	89.3118	1.70	MANHOLE	1.46	339.6823	22.466	1387223.911	1039448.385	3.426
	1091	308.2915	4.799	86.5402	1.70	PARAMENTO	1.46	196.2620	4.792	1387198.242	1039454.844	3.498
	1092	292.4751	4.363	87.4115	1.70	POSTE	1.46	180.5720	4.359	1387198.484	1039456.142	3.414
	1093	278.0011	20.000	89.4027	1.70	PARAMENTO	1.46	165.7776	20.000	1387183.456	1039461.100	3.352
	1094	270.4024	22.253	89.2854	1.70	MANHOLE	1.46	158.4479	22.252	1387182.146	1039464.360	3.440
	1095	267.0737	25.575	89.3417	1.70	MANHOLE	1.46	154.9015	25.574	1387179.683	1039467.034	3.430
	1096	271.2655	15.326	88.5934	1.70	MANHOLE	1.46	159.2232	15.324	1387188.516	1039461.622	3.508
	1097	270.2415	43.712	90.2947	2.85	DESC_BATEA	1.46	158.1787	43.710	1387162.264	1039472.434	1.710
	1098	270.1633	43.633	90.2241	2.70	DESC_CLAVE	1.46	158.0504	43.632	1387162.373	1039472.495	1.950
	1099	270.1229	42.183	90.4822	2.15	TUBO	1.46	157.9826	42.179	1387163.740	1039471.998	2.195
	1100	270.1824	43.337	91.0308	1.85	TUBO	1.46	158.0812	43.330	1387162.645	1039472.361	2.292
	1101	268.2741	43.288	91.0039	1.70	ESTRUCTURA	1.46	156.2359	43.281	1387163.231	1039473.627	2.475
	1102	268.3051	43.120	91.0039	1.70	ESTRUCTURA	1.46	156.2887	43.113	1387163.369	1039473.523	2.478
	1103	269.4105	43.592	90.5227	1.70	ESTRUCTURA	1.46	157.4593	43.587	1387162.586	1039472.895	2.573
	1104	269.4202	43.428	90.5228	1.70	ESTRUCTURA	1.46	157.4751	43.423	1387162.732	1039472.821	2.575
	1105	270.5836	43.511	90.5228	1.70	ESTRUCTURA	1.46	158.7512	43.506	1387162.295	1039471.953	2.574
	1106	270.5621	43.338	90.5308	1.70	ESTRUCTURA	1.46	158.7137	43.333	1387162.466	1039471.917	2.568
	1107	272.0726	42.975	90.3607	2.50	ESTRUCTURA	1.46	159.8984	42.973	1387162.488	1039470.955	1.987
	1108	272.0221	42.796	90.3625	2.50	ESTRUCTURA	1.46	159.8137	42.794	1387162.678	1039470.953	1.985
	1109	272.2207	41.106	90.2156	2.00	LINDERO	1.46	160.1432	41.105	1387164.182	1039470.148	2.676
	1110	263.1938	42.280	90.1431	2.00	LINDERO	1.46	151.1018	42.280	1387165.828	1039476.618	2.760
	1111	261.4432	42.758	90.3246	1.80	LINDERO	1.46	149.5168	42.756	1387165.997	1039477.875	2.731



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1112	263.0537	47.651	91.1059	2.50	BORDE_CANO	1.46	150.8682	47.641	1387161.228	1039479.378	1.454
	1113	268.1819	46.650	91.1521	2.50	BORDE_CANO	1.46	156.0798	46.639	1387160.210	1039475.096	1.416
	1114	271.5609	46.574	90.5132	2.90	BORDE_CANO	1.46	159.7104	46.569	1387159.163	1039472.334	1.340
	1115	250.5120	12.421	88.4354	1.50	PARAMENTO	1.46	138.6301	12.418	1387193.524	1039464.393	3.713
E11018		0.0000				ESTACION		0.0000		1387000.592	1038998.574	2.352
E11019	E11018	0.0000	96.046	89.4538	1.70	ESTACION	1.49	207.3484		1386915.280	1038954.449	2.141
	E11034	186.5830	73.297	89.4639	1.70	DELTA	1.49	214.3234	73.296	1386854.746	1038913.120	2.212
	1116	182.4521	57.479	89.3045	1.70	PARAMENTO	1.49	210.1043	57.477	1386865.555	1038925.620	2.416
	1117	183.2142	49.052	89.4450	1.70	POSTE	1.49	210.7101	49.052	1386873.107	1038929.399	2.144
	1118	192.4049	41.960	89.2614	1.70	MANHOLE	1.49	220.0287	41.958	1386883.151	1038927.463	2.339
	1119	183.5334	38.110	89.4450	1.70	MANHOLE	1.49	211.2412	38.110	1386882.696	1038934.684	2.095
	1120	193.5439	39.886	89.2913	1.70	PARAMENTO	1.49	221.2593	39.884	1386885.297	1038928.147	2.284
	1121	178.5024	34.148	88.3629	2.00	PARAMENTO	1.49	206.1884	34.138	1386884.646	1038939.383	2.457
	1122	183.3319	25.218	89.4112	1.70	BORDE_VIA	1.49	210.9037	25.218	1386893.642	1038941.497	2.065
	1123	194.1630	25.680	89.4501	1.70	BORDE_VIA	1.49	221.6234	25.680	1386896.083	1038937.392	2.039
	1124	197.2140	25.994	90.0606	1.70	SUMIDERO	1.49	224.7095	25.994	1386896.806	1038936.162	1.881
	1125	196.5016	25.359	90.0517	1.70	SUMIDERO	1.49	224.1862	25.359	1386897.095	1038936.774	1.888
	1126	171.2830	27.163	92.0149	1.70	DES_DOMICI	1.49	198.8234	27.146	1386889.585	1038945.690	0.965
	1127	171.2406	27.105	92.1634	1.70	DES_DOMICI	1.49	198.7501	27.084	1386889.633	1038945.743	0.851
	1128	173.5458	28.497	90.2011	1.70	DES_DOMICI	1.49	201.2645	28.497	1386888.723	1038944.114	1.760
	1129	210.3625	14.195	89.1500	1.70	POSTE	1.49	237.9554	14.194	1386907.749	1038942.418	2.113
	1130	162.4641	35.061	90.4452	1.70	PARAMENTO	1.49	190.1265	35.058	1386880.768	1038948.285	1.470
	1131	162.2547	40.162	92.3429	0.09	DES_DOMICI	1.49	189.7782	40.121	1386875.741	1038947.635	1.738
	1132	162.4711	40.075	92.3155	0.09	DES_DOMICI	1.49	190.1348	40.036	1386875.868	1038947.404	1.772
	1133	162.1229	38.843	92.3855	1.70	BORDE_CANO	1.49	189.5565	38.802	1386877.017	1038948.007	0.132
	1134	161.4707	32.949	93.0621	1.70	BORDE_CANO	1.49	189.1337	32.901	1386882.796	1038949.227	0.142
	1135	161.4514	23.875	93.1737	1.70	BORDE_CANO	1.49	189.1023	23.836	1386891.744	1038950.678	0.555
	1136	149.5152	17.490	95.5321	1.70	BORDE_CANO	1.49	177.2129	17.398	1386897.902	1038955.295	0.133
	1137	119.5830	12.719	98.0735	1.70	BORDE_CANO	1.49	147.3234	12.591	1386904.681	1038961.247	0.129
	1138	81.3937	13.802	96.0024	1.70	BORDE_CANO	1.49	109.0087	13.726	1386910.809	1038967.427	0.483
	1139	155.3150	43.577	93.0546	0.09	DES_DOMICI	1.49	182.8790	43.513	1386871.821	1038952.264	1.188
	1140	155.1023	43.608	93.0425	0.09	DES_DOMICI	1.49	182.5215	43.545	1386871.776	1038952.533	1.204
	1141	157.5056	40.228	91.5717	1.70	DES_DOMICI	1.49	185.1973	40.205	1386875.240	1038950.807	0.555
	1142	156.2021	40.440	91.3612	1.70	DES_DOMICI	1.49	183.6876	40.424	1386874.939	1038951.849	0.796
	1143	158.0550	41.069	92.3643	1.70	BORDE_CANO	1.49	185.4457	41.026	1386874.438	1038950.556	0.056
	1144	157.0511	35.834	92.5502	1.70	BORDE_CANO	1.49	184.4348	35.788	1386879.599	1038951.682	0.103



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1145	151.4733	23.605	94.1825	1.70	BORDE_CANO	1.49	179.1409	23.538	1386891.744	1038954.802	0.154
	1146	146.2245	23.174	92.2244	1.70	DES_DOMICI	1.49	173.7276	23.154	1386892.264	1038956.979	0.965
	1147	144.5157	23.428	92.0427	1.70	DES_DOMICI	1.49	172.2143	23.413	1386892.083	1038957.621	1.079
	1148	134.2323	18.043	95.1349	1.70	BORDE_CANO	1.49	161.7382	17.968	1386898.217	1038960.080	0.282
	1149	106.5345	16.010	96.1801	1.70	BORDE_CANO	1.49	134.2443	15.913	1386904.177	1038965.849	0.170
	1150	82.0253	17.633	94.4742	1.70	BORDE_CANO	1.49	109.3965	17.571	1386909.444	1038971.023	0.453
	1151	157.0049	14.674	94.1739	1.70	DESC_BATEA	1.49	184.3620	14.633	1386900.689	1038953.336	0.828
	1152	157.1112	14.532	92.5451	1.70	DESC_CLAVE	1.49	184.5351	14.513	1386900.812	1038953.302	1.188
	1153	158.5304	14.210	92.1900	1.70	TUBO	1.49	186.2329	14.198	1386901.165	1038952.908	1.353
	1154	79.5314	20.942	92.4637	1.50	DESC_BATEA	1.49	107.2357	20.917	1386909.082	1038974.427	1.112
	1155	79.4005	21.054	94.5307	0.09	DESC_CLAVE	1.49	107.0165	20.978	1386909.141	1038974.508	1.749
	1156	80.2526	20.980	92.4452	1.50	ESTRUCTURA	1.49	107.7723	20.956	1386908.883	1038974.405	1.121
	1157	78.3955	21.075	92.4453	1.50	ESTRUCTURA	1.49	106.0137	21.051	1386909.472	1038974.683	1.117
	1158	78.2013	20.805	92.4953	1.50	ESTRUCTURA	1.49	105.6854	20.780	1386909.662	1038974.455	1.099
	1159	80.3423	20.529	92.4953	1.50	ESTRUCTURA	1.49	107.9215	20.504	1386908.970	1038973.958	1.113
	1160	80.2912	20.528	93.1310	1.50	ESTRUCTURA	1.49	107.8351	20.496	1386909.002	1038973.960	0.974
	1161	78.1652	20.753	93.1025	1.50	ESTRUCTURA	1.49	105.6295	20.721	1386909.697	1038974.404	0.978
	1162	77.4711	20.426	93.2018	1.50	ESTRUCTURA	1.49	105.1348	20.391	1386909.956	1038974.133	0.938
	1163	80.2529	20.245	93.1641	1.50	ESTRUCTURA	1.49	107.7732	20.212	1386909.110	1038973.696	0.969
	1164	80.2146	20.179	93.2822	1.50	ESTRUCTURA	1.49	107.7112	20.142	1386909.152	1038973.636	0.905
	1165	77.4448	20.423	93.2822	1.50	ESTRUCTURA	1.49	105.0951	20.385	1386909.971	1038974.131	0.890
	1166	77.4115	20.236	93.2823	1.50	ESTRUCTURA	1.49	105.0359	20.199	1386910.040	1038973.956	0.901
	1167	80.2212	20.018	93.2823	1.50	ESTRUCTURA	1.49	107.7184	19.981	1386909.199	1038973.483	0.914
	1168	80.1452	19.979	93.5728	1.50	ESTRUCTURA	1.49	107.5962	19.931	1386909.254	1038973.448	0.748
	1169	77.3938	20.244	94.0254	1.50	ESTRUCTURA	1.49	105.0090	20.193	1386910.050	1038973.954	0.698
	1170	77.1012	19.829	94.2236	1.50	ESTRUCTURA	1.49	104.5184	19.771	1386910.323	1038973.589	0.614
	1171	80.0449	19.646	94.0559	1.50	ESTRUCTURA	1.49	107.4287	19.596	1386909.410	1038973.145	0.723
	1172	76.3722	20.096	94.3503	1.50	BORDE_CANO	1.49	103.9712	20.032	1386910.443	1038973.888	0.521
	1173	68.4440	21.963	92.3950	1.70	DES_DOMICI	1.49	96.0929	21.939	1386912.951	1038976.264	0.906
	1174	68.4843	22.161	91.5823	1.70	DES_DOMICI	1.49	96.1604	22.148	1386912.903	1038976.469	1.164
	1175	68.5157	23.278	90.2153	1.70	DES_DOMICI	1.49	96.2143	23.278	1386912.760	1038977.590	1.779
	1176	78.1654	19.469	95.3321	1.70	DES_DOMICI	1.49	105.6301	19.378	1386910.059	1038973.110	0.042
	1177	55.0001	26.916	91.2307	1.70	DESC_BATEA	1.49	82.3487	26.908	1386918.862	1038981.118	1.276
	1178	54.5751	26.902	89.5946	1.70	DESC_CLAVE	1.49	82.3126	26.902	1386918.878	1038981.109	1.929
	1179	55.1045	26.881	92.2859	1.70	SALID_AGU	1.49	82.5276	26.856	1386918.772	1038981.077	0.763
	1180	54.0700	27.234	90.0729	1.50	ESTRUCTURA	1.49	81.4651	27.234	1386919.321	1038981.381	2.068



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1181	56.0514	26.774	90.0727	1.50	ESTRUCTURA	1.49	83.4357	26.774	1386918.340	1038981.048	2.069
	1182	60.1839	32.533	92.2121	0.09	ESTRUCTURA	1.49	87.6593	32.506	1386916.607	1038986.928	2.205
	1183	58.4646	32.847	89.5040	1.50	ESTRUCTURA	1.49	86.1279	32.847	1386917.498	1038987.221	2.216
	1184	43.3215	22.777	94.3601	1.70	BORDE_CANO	1.49	70.8859	22.704	1386922.714	1038975.901	0.100
	1185	81.1004	26.992	93.2157	0.09	TUBO	1.49	108.5162	26.945	1386906.722	1038980.000	1.957
	1186	337.2605	5.922	89.0627	1.50	MANHOLE	1.49	4.7832	5.921	1386921.180	1038954.943	2.219
	1187	0.0000	95.514	89.4750	1.50	LINEAMIENT	1.49	27.3484	95.513	1387000.117	1038998.328	2.465
	1188	0.0000	60.898	89.4649	1.50	LINEAMIENT	1.49	27.3484	60.898	1386969.371	1038982.426	2.361
	1189	0.0001	36.886	89.4808	1.50	LINEAMIENT	1.49	27.3487	36.886	1386948.043	1038971.395	2.254
	1190	0.0002	5.223	89.1834	1.50	LINEAMIENT	1.49	27.3490	5.223	1386919.918	1038956.848	2.190
E11034-E11019	E11019	0.0000	73.290	89.5245	1.70	ESTACION	1.49	214.3234	73.296	1386854.746	1038913.120	2.212
	E11035	142.3520	34.499	89.4419	1.70	DELTA	1.49	176.9123	34.499	1386820.298	1038914.978	2.161
	1191	0.0000	59.838	89.5347	1.70	LINEAMIENT	1.49	34.3234	59.838	1386904.165	1038946.860	2.112
	1192	0.0000	27.621	89.3855	1.70	LINEAMIENT	1.49	34.3234	27.620	1386877.557	1038928.694	2.173
	1193	0.0000	6.470	88.3207	1.70	LINEAMIENT	1.49	34.3234	6.468	1386860.088	1038916.767	2.169
	1194	4.5321	62.954	89.5254	1.70	ARBOL	1.49	39.2126	62.954	1386903.523	1038952.919	2.134
	1195	5.2808	54.081	89.5004	1.70	ARBOL	1.49	39.7923	54.081	1386896.300	1038947.732	2.160
	1196	335.3906	16.528	89.1707	1.70	POSTE	1.49	9.9751	16.527	1386871.023	1038915.983	2.210
	1197	307.1428	15.091	89.3733	1.70	PARAMENTO	1.49	341.5645	15.091	1386869.063	1038908.348	2.102
	1198	301.5600	22.000	89.4423	1.70	PARAMENTO	1.49	336.2568	22.000	1386874.884	1038904.262	2.104
	1199	320.1024	7.932	88.4808	1.70	BORDE_VIA	1.49	354.4968	7.930	1386862.640	1038912.359	2.170
	1200	10.0755	5.573	88.3903	1.70	BORDE_VIA	1.49	44.4554	5.571	1386858.723	1038917.022	2.135
	1201	73.3854	4.690	87.3835	1.70	POSTE	1.49	107.9718	4.686	1386853.301	1038917.577	2.197
	1202	142.0118	4.773	87.4919	1.70	BORDE_VIA	1.49	176.3451	4.770	1386849.987	1038913.424	2.185
	1203	170.2443	6.566	88.1544	1.70	MANHOLE	1.49	204.7354	6.563	1386848.786	1038910.374	2.203
	1204	203.0007	6.240	88.3739	1.70	BORDE_VIA	1.49	237.3254	6.238	1386851.379	1038907.869	2.153
	1205	155.2723	26.576	89.3755	1.70	BORDE_VIA	1.49	189.7798	26.575	1386828.557	1038908.606	2.174
	1206	158.0042	32.471	89.5107	1.70	BORDE_VIA	1.49	192.3351	32.471	1386823.025	1038906.183	2.088
	1207	122.3855	7.925	88.4906	1.70	PARAMENTO	1.49	156.9720	7.923	1386847.454	1038916.219	2.167
	1208	149.1632	32.144	89.4355	1.70	MANHOLE	1.49	183.5990	32.144	1386822.666	1038911.102	2.154
	1209	137.0737	14.352	89.2327	1.70	PARAMENTO	1.49	171.4504	14.351	1386840.555	1038915.253	2.156
	1210	164.4643	24.130	89.4141	1.70	CERRAMIENT	1.49	199.1020	24.130	1386831.945	1038905.223	2.132
	1211	203.4915	14.894	89.3500	1.70	CERRAMIENT	1.49	238.1443	14.894	1386846.886	1038900.470	2.112
	1212	264.5205	6.647	89.2123	1.70	MANHOLE	1.49	299.1915	6.647	1386857.988	1038907.317	2.078
	1213	146.2542	12.479	89.1219	1.70	BORDE_VIA	1.49	180.7518	12.478	1386842.270	1038912.956	2.177
	1214	143.3151	24.274	89.3029	1.70	BORDE_VIA	1.49	177.8543	24.273	1386830.490	1038914.029	2.212



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
E11035-E11034	E11034	0.0001	34.496	89.3532	1.70	ESTACION	1.51	176.9123	34.499	1386820.298	1038914.978	2.161
	E11036	254.5249	84.037	90.0730	1.70	DELTA	1.51	251.7926	84.037	1386794.040	1038835.149	1.786
	E11037	70.4134	34.183	90.3618	1.70	DELTA	1.51	67.6051	34.181	1386833.320	1038946.581	1.608
	1215	0.0001	29.007	89.3641	1.70	LINEAMIENTO	1.51	356.9126	29.006	1386849.262	1038913.416	2.166
	1216	0.0002	20.985	89.3429	1.70	LINEAMIENTO	1.51	356.9129	20.984	1386841.252	1038913.848	2.125
	1217	0.0000	11.225	88.4152	1.70	LINEAMIENTO	1.51	356.9123	11.222	1386831.504	1038914.374	2.224
	1218	0.0001	4.564	86.2607	1.70	LINEAMIENTO	1.51	356.9126	4.555	1386824.846	1038914.733	2.253
	1219	10.0950	19.903	87.1601	1.70	PARAMENTO	1.51	7.0762	19.880	1386840.027	1038917.427	2.918
	1220	18.4650	12.023	86.2444	1.70	PARAMENTO	1.51	15.6929	11.999	1386831.850	1038918.224	2.721
	1221	58.2316	22.933	88.0444	1.70	PARAMENTO	1.51	55.3001	22.920	1386833.346	1038933.822	2.738
	1222	66.5731	20.621	88.5250	1.70	BORDE_VIA	1.51	63.8709	20.617	1386829.377	1038933.488	2.372
	1223	57.2628	18.346	87.4203	1.70	POSTE	1.51	54.3534	18.331	1386830.981	1038929.875	2.705
	1224	82.4851	19.513	88.4420	1.70	BORDE_VIA	1.51	79.7265	19.508	1386823.777	1038934.174	2.399
	1225	102.4401	18.322	88.0228	1.70	PARAMENTO	1.51	99.6459	18.311	1386817.230	1038933.031	2.595
	1226	228.5725	10.661	88.4900	1.70	POSTE	1.51	225.8693	10.659	1386812.876	1038907.328	2.189
	1227	292.4337	15.708	89.3732	1.70	POSTE	1.51	289.6393	15.708	1386825.577	1038900.184	2.072
	1228	238.0651	16.460	89.2535	1.70	POSTE	1.51	235.0265	16.459	1386810.863	1038901.491	2.134
	1229	301.0410	14.102	89.4513	1.70	CERRAMIENTO	1.51	297.9818	14.102	1386826.914	1038902.525	2.030
	1230	246.4850	34.553	89.5140	1.70	POSTE	1.51	243.7262	34.553	1386805.003	1038883.995	2.053
	1231	253.2220	33.581	90.0559	1.70	BORDE_VIA	1.51	250.2845	33.581	1386808.969	1038883.366	1.911
	1232	263.2645	33.730	90.0404	1.70	BORDE_VIA	1.51	260.3582	33.730	1386814.648	1038881.725	1.929
	1233	271.0443	37.592	89.4838	1.70	CERRAMIENTO	1.51	267.9909	37.592	1386818.980	1038877.409	2.093
	1234	246.0136	41.739	89.5944	1.70	PARAMENTO	1.51	242.9390	41.739	1386801.309	1038877.809	1.972
	1235	247.1209	48.571	90.0032	1.70	PARAMENTO	1.51	244.1148	48.571	1386799.093	1038871.280	1.962
	1236	242.0827	42.405	86.5549	4.00	PARAMENTO	1.51	239.0532	42.344	1386798.523	1038878.662	1.940
	1237	243.4709	49.036	87.2034	4.00	PARAMENTO	1.51	240.6982	48.983	1386796.325	1038872.262	1.942
E11037-E11035	E11035	0.0000	34.199	88.3950	1.70	ESTACION	1.46	67.6051	34.181	1386833.320	1038946.581	1.608
	1238	118.3857	27.246	90.2931	1.70	DES_DOMICI	1.46	6.2543	27.245	1386860.403	1038949.549	1.135
	1239	121.4233	27.049	89.3651	1.70	DES_DOMICI	1.46	9.3143	27.048	1386860.012	1038950.959	1.551
	1240	119.1418	25.267	89.3651	1.70	DES_DOMICI	1.46	6.8434	25.266	1386858.407	1038949.592	1.539
	1241	113.0531	25.597	93.5933	0.09	DES_DOMICI	1.46	0.6970	25.535	1386858.853	1038946.892	1.202
	1242	107.4828	23.725	92.5737	1.70	BORDE_CANO	1.46	355.4129	23.693	1386856.938	1038944.686	0.144
	1243	118.1619	17.068	89.1302	1.70	DES_DOMICI	1.46	5.8770	17.066	1386850.297	1038948.329	1.602
	1244	113.3642	17.073	90.3341	1.70	DES_DOMICI	1.46	1.2168	17.072	1386850.389	1038946.944	1.202
	1245	81.0348	8.767	97.3802	1.70	BORDE_CANO	1.46	328.6684	8.689	1386840.743	1038942.063	0.205
	1246	28.3748	5.665	101.4945	1.70	BORDE_CANO	1.46	276.2351	5.545	1386833.923	1038941.069	0.208



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1247	20.1111	4.582	90.3315	1.70	DESC_CLAVE	1.46	267.7915	4.582	1386833.144	1038942.003	1.325
	1248	20.2448	4.673	98.4333	1.70	DESC_BATEA	1.46	268.0184	4.619	1386833.161	1038941.965	0.660
	1249	13.5128	5.101	99.4637	1.70	BORDE_CANO	1.46	261.4629	5.027	1386832.574	1038941.610	0.503
	1250	20.5410	3.275	90.5026	1.70	TUBO	1.46	268.5079	3.275	1386833.235	1038943.308	1.321
	1251	9.0730	4.889	92.0531	1.70	ESTRUCTURA	1.46	256.7301	4.886	1386832.199	1038941.826	1.191
	1252	5.5145	4.910	91.4154	1.70	ESTRUCTURA	1.46	253.4676	4.908	1386831.924	1038941.876	1.224
	1253	2.1332	7.687	82.4720	1.70	ESTRUCTURA	1.46	249.8307	7.626	1386830.691	1038939.423	2.334
	1254	3.4745	7.806	82.4719	1.70	ESTRUCTURA	1.46	251.4009	7.744	1386830.850	1038939.242	2.349
	1255	333.0735	11.214	85.1845	1.70	ESTRUCTURA	1.46	220.7315	11.176	1386824.851	1038939.288	2.286
	1256	332.4734	11.053	85.0736	1.70	ESTRUCTURA	1.46	220.3979	11.013	1386824.933	1038939.444	2.308
	1257	6.5322	11.038	95.5633	1.70	BORDE_CANO	1.46	254.4945	10.979	1386830.386	1038936.002	0.226
	1258	27.4357	12.458	92.5823	0.09	DES_DOMICI	1.46	275.3376	12.441	1386834.478	1038934.194	2.338
	1259	23.2833	12.474	95.1637	0.09	DES_DOMICI	1.46	271.0809	12.421	1386833.555	1038934.162	1.837
	1260	28.5700	12.420	96.0918	0.09	DES_DOMICI	1.46	276.5551	12.348	1386834.730	1038934.314	1.653
	1261	53.1119	11.228	90.1719	1.70	DES_DOMICI	1.46	300.7937	11.228	1386839.069	1038936.936	1.313
	1262	51.1816	13.630	89.2457	1.70	DES_DOMICI	1.46	298.9095	13.629	1386839.909	1038934.650	1.508
	1263	68.0954	16.406	93.4536	0.09	DES_DOMICI	1.46	315.7701	16.371	1386845.051	1038935.162	1.908
	1264	79.2509	17.060	89.1622	1.70	DES_DOMICI	1.46	327.0243	17.059	1386847.631	1038937.297	1.586
	1265	76.3957	17.959	88.4824	1.70	DES_DOMICI	1.46	324.2709	17.955	1386847.896	1038936.096	1.743
	1266	81.2703	16.298	91.1353	1.70	DES_DOMICI	1.46	329.0559	16.294	1386847.296	1038938.203	1.019
	1267	79.5750	16.731	90.4934	1.70	DES_DOMICI	1.46	327.5690	16.729	1386847.441	1038937.610	1.128
	1268	82.2151	15.155	93.5256	1.70	BORDE_CANO	1.46	329.9693	15.120	1386846.411	1038939.014	0.343
	1269	69.4158	11.882	94.2346	1.70	BORDE_CANO	1.46	317.3045	11.847	1386842.028	1038938.548	0.458
	1270	8.5543	13.035	86.2042	1.70	ESTRUCTURA	1.46	256.5337	13.008	1386830.291	1038933.930	2.200
	1271	5.3453	12.986	85.3253	1.70	ESTRUCTURA	1.46	253.1865	12.947	1386829.575	1038934.188	2.377
	1272	5.1618	12.617	85.2333	1.70	ESTRUCTURA	1.46	252.8768	12.576	1386829.618	1038934.563	2.383
	1273	318.1825	11.879	90.3448	1.70	ESTRUCTURA	1.46	205.9120	11.878	1386822.636	1038941.391	1.249
	1274	318.3705	12.078	90.4755	1.70	ESTRUCTURA	1.46	206.2232	12.077	1386822.487	1038941.245	1.201
	1275	314.2734	12.300	90.2407	1.70	DESC_CLAVE	1.46	202.0645	12.300	1386821.922	1038941.961	1.283
	1276	314.3633	12.341	93.2927	1.70	DESC_BATEA	1.46	202.2143	12.318	1386821.917	1038941.924	0.618
	1277	305.3037	11.470	87.4635	1.70	TUBO	1.46	193.1154	11.461	1386822.158	1038943.981	1.814
	1278	332.1308	10.704	85.0025	1.70	BORDE_VIA	1.46	219.8240	10.663	1386825.131	1038939.752	2.301
	1279	299.0016	9.334	87.2856	1.70	BORDE_VIA	1.46	186.6095	9.325	1386824.057	1038945.508	1.779
	1280	286.4241	11.568	88.0944	1.70	BORDE_VIA	1.46	174.3165	11.562	1386821.815	1038947.726	1.740
	1281	250.4530	12.870	88.1453	1.70	BORDE_VIA	1.46	138.3634	12.864	1386823.706	1038955.128	1.763
	1282	214.3810	7.456	87.4515	1.70	BORDE_VIA	1.46	102.2412	7.450	1386831.741	1038953.862	1.661



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1283	301.4227	2.045	81.4551	1.70	BORDE_VIA	1.46	189.3126	2.024	1386831.323	1038946.254	1.662
	1284	192.1541	8.671	87.5642	1.70	POSTE	1.46	79.8665	8.665	1386834.845	1038955.112	1.680
	1285	342.5156	15.293	86.2141	1.70	ESTRUCTURA	1.46	230.4707	15.262	1386823.606	1038934.810	2.340
	1286	343.2854	15.418	86.0802	1.70	ESTRUCTURA	1.46	231.0868	15.383	1386823.658	1038934.612	2.409
E11036-E11035	E11035	0.0000	84.040	89.3613	1.70	ESTACION	1.48	251.7926	84.037	1386794.040	1038835.149	1.786
	E11038	109.2544	7.042	88.1933	1.70	DELTA	1.48	181.2215	7.039	1386787.003	1038834.999	1.772
	1287	0.0001	53.412	89.3346	1.70	LINEAMIENT	1.48	71.7929	53.410	1386810.728	1038885.885	1.973
	1288	0.0001	31.374	89.2428	1.70	LINEAMIENT	1.48	71.7929	31.372	1386803.842	1038864.951	1.890
	1289	0.0001	7.247	88.2739	1.70	LINEAMIENT	1.48	71.7929	7.244	1386796.303	1038842.031	1.760
	1290	9.4003	29.471	89.0405	1.70	POSTE	1.48	81.4601	29.467	1386798.416	1038864.289	2.045
	1291	269.0440	10.182	89.0224	1.70	POSTE	1.48	340.8704	10.181	1386803.658	1038831.813	1.736
	1292	276.1437	8.979	87.3315	1.70	CERRAMIENT	1.48	348.0362	8.971	1386802.816	1038833.289	1.949
	1293	28.1058	10.411	87.3807	1.70	POSTE	1.48	99.9754	10.402	1386792.238	1038845.394	1.995
	1294	335.2754	20.532	89.3416	1.70	POSTE	1.48	47.2576	20.531	1386807.975	1038850.227	1.719
	1295	71.2712	6.739	86.1948	1.70	PARAMENTO	1.48	143.2459	6.725	1386788.652	1038839.173	1.997
	1296	342.5502	30.919	89.4313	1.70	CERRAMIENT	1.48	54.7098	30.919	1386811.902	1038860.386	1.717
	1297	65.2842	2.149	85.0623	1.70	BORDE_VIA	1.48	137.2709	2.141	1386792.467	1038836.602	1.749
	1298	341.2511	31.751	88.1556	2.50	CERRAMIENT	1.48	53.2123	31.736	1386813.045	1038860.565	1.727
	1299	290.0601	4.587	88.2922	1.70	BORDE_VIA	1.48	1.8929	4.585	1386798.623	1038835.300	1.687
	1300	260.1907	5.421	88.2921	1.70	BORDE_VIA	1.48	332.1112	5.419	1386798.830	1038832.614	1.709
	1301	252.5616	7.409	88.4714	1.70	BORDE_VIA	1.48	324.7304	7.407	1386800.088	1038830.872	1.723
E11038-E11036	E11036	0.0001	7.044	88.0421	1.70	ESTACION	1.48	181.2215	7.039	1386787.003	1038834.999	1.772
	E11039	159.4746	74.370	89.5539	1.70	DELTA	1.48	161.0176	74.370	1386716.677	1038859.190	1.643
	1302	0.0000	4.447	87.1201	1.70	LINEAMIENT	1.48	1.2215	4.442	1386791.443	1038835.094	1.766
	1303	75.3929	2.917	81.5125	1.70	POSTE	1.48	76.8795	2.888	1386787.658	1038837.811	1.962
	1304	353.0454	2.890	86.1246	1.70	BORDE_VIA	1.48	354.3032	2.884	1386789.872	1038834.713	1.739
	1305	135.2141	8.510	87.1646	1.70	POSTE	1.48	136.5829	8.500	1386780.828	1038840.841	1.952
	1306	346.3026	15.149	89.4555	1.70	SUMIDERO	1.48	347.7287	15.149	1386801.805	1038831.779	1.611
	1307	342.0400	15.118	89.4126	1.70	SUMIDERO	1.48	343.2882	15.118	1386801.482	1038830.652	1.630
	1308	342.0225	13.969	89.3804	1.70	SUMIDERO	1.48	343.2618	13.969	1386800.379	1038830.976	1.638
	1309	333.0157	10.958	88.4303	1.70	MANHOLE	1.48	334.2540	10.955	1386796.870	1038830.240	1.794
	1310	310.0726	16.918	89.0806	1.70	POSTE	1.48	311.3454	16.916	1386798.177	1038822.299	1.804
	1311	303.2832	18.425	88.3148	1.70	SEMBFORO	1.48	304.6970	18.419	1386797.487	1038819.855	2.021
	1312	22.0550	2.937	83.0657	1.70	SEMBFORO	1.48	23.3187	2.916	1386789.680	1038836.153	1.901
	1313	319.3703	19.704	89.0916	1.70	SEMBFORO	1.48	320.8390	19.702	1386802.279	1038822.557	1.839
	1314	320.1040	17.947	89.4944	1.70	SUMIDERO	1.48	321.3993	17.947	1386801.028	1038823.802	1.602



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1315	318.5345	18.803	90.1433	1.70	SUMIDERO	1.48	320.1173	18.803	1386801.431	1038822.942	1.469
	1316	13.3426	14.584	89.2757	1.70	SEMAFORO	1.48	14.7954	14.583	1386801.102	1038838.723	1.684
	1317	43.5720	8.637	87.3746	1.70	SEMAFORO	1.48	45.1770	8.630	1386793.086	1038841.120	1.906
	1318	265.0414	6.839	87.5448	1.70	SEMAFORO	1.48	266.2920	6.834	1386786.561	1038828.179	1.798
	1319	281.5901	13.101	88.5127	1.70	SEMAFORO	1.48	283.2051	13.098	1386789.995	1038822.247	1.810
	1320	281.4224	11.395	85.5346	1.70	HIDRANTE	1.48	282.9282	11.366	1386789.545	1038823.921	2.364
	1321	282.3318	14.706	89.1627	1.70	BORDE_VIA	1.48	283.7765	14.705	1386790.504	1038820.717	1.735
	1322	297.4905	18.592	89.3222	1.70	BORDE_VIA	1.48	299.0395	18.591	1386796.027	1038818.745	1.698
	1323	297.3137	10.645	89.0556	1.70	BORDE_VIA	1.48	298.7484	10.644	1386792.122	1038825.667	1.716
	1324	311.2919	15.842	89.2958	1.70	BORDE_VIA	1.48	312.7101	15.841	1386797.748	1038823.359	1.687
	1325	299.3819	8.649	88.4930	1.70	BORDE_VIA	1.48	300.8601	8.647	1386791.438	1038827.576	1.726
	1326	316.4857	16.105	89.2825	1.70	BORDE_VIA	1.48	318.0373	16.104	1386798.977	1038824.231	1.696
	1327	322.3933	19.288	89.2825	1.70	BORDE_VIA	1.48	323.8807	19.287	1386802.583	1038823.630	1.726
	1328	341.1954	18.121	89.3922	1.70	BORDE_VIA	1.48	342.5532	18.121	1386804.290	1038829.566	1.657
	1329	259.0716	7.261	89.4321	1.70	SUMIDERO	1.48	260.3426	7.261	1386785.784	1038827.841	1.584
	1330	255.0915	6.525	91.4049	1.70	SUMIDERO	1.48	256.3757	6.522	1386785.466	1038828.660	1.357
	1331	168.2045	7.225	87.2721	1.70	MANHOLE	1.48	169.5673	7.218	1386779.904	1038836.306	1.869
	1332	220.4324	9.806	88.0531	1.70	PARAMENTO	1.48	221.9448	9.801	1386779.713	1038828.448	1.875
	1333	280.4857	10.194	88.1158	1.70	PARAMENTO	1.48	282.0373	10.189	1386789.127	1038825.034	1.869
	1334	301.0614	21.960	89.1149	1.70	PARAMENTO	1.48	302.3254	21.958	1386798.744	1038816.444	1.856
	1335	312.2820	29.437	89.3052	1.70	PARAMENTO	1.48	313.6937	29.436	1386807.337	1038813.715	1.798
	1336	322.4631	27.449	89.1606	1.70	PARAMENTO	1.48	323.9968	27.447	1386809.207	1038818.865	1.899
	1337	196.0322	27.489	89.4332	1.70	PARAMENTO	1.48	197.2776	27.489	1386760.754	1038826.835	1.680
	1338	183.5236	36.585	88.1134	2.60	PARAMENTO	1.48	185.0982	36.567	1386750.580	1038831.749	1.802
	1339	173.3839	34.264	89.3130	1.70	PARAMENTO	1.48	174.8657	34.263	1386752.877	1038838.065	1.833
	1340	213.5711	8.784	89.5329	1.70	SUMIDERO	1.48	215.1745	8.784	1386779.822	1038829.939	1.565
	1341	209.4111	8.777	89.3441	1.70	SUMIDERO	1.48	210.9079	8.777	1386779.472	1038830.491	1.613
	1342	210.3449	10.043	88.5958	1.70	SUMIDERO	1.48	211.8018	10.041	1386778.469	1038829.707	1.724
	1343	200.0035	8.856	88.4746	1.70	BORDE_VIA	1.48	201.2312	8.854	1386778.749	1038831.793	1.735
	1344	213.2336	20.852	89.2613	1.70	BORDE_VIA	1.48	214.6148	20.851	1386769.842	1038823.154	1.753
	1345	181.4237	15.178	89.0932	1.70	BORDE_VIA	1.48	182.9318	15.176	1386771.846	1038834.223	1.771
	1346	199.3124	22.827	89.2917	1.70	BORDE_VIA	1.48	200.7448	22.826	1386765.656	1038826.914	1.752
	1347	156.2244	9.828	88.3532	1.70	BORDE_VIA	1.48	157.6004	9.825	1386777.919	1038838.743	1.790
E11039-E11038	E11038	0.0000	74.387	89.4452	1.70	ESTACION	1.48	161.0176	74.370	1386716.677	1038859.190	1.643
	E11040	179.4050	32.211	89.3516	1.70	DELTA	1.48	160.6982	32.210	1386686.277	1038869.837	1.655
	1348	3.0735	54.860	88.3849	2.50	POSTE	1.48	344.1440	54.845	1386769.435	1038844.205	1.919



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1349	4.5137	43.519	89.2642	1.70	POSTE	1.48	345.8779	43.517	1386758.879	1038848.572	1.845
	1350	9.1220	24.130	88.5627	1.70	POSTE	1.48	350.2232	24.126	1386740.452	1038855.093	1.870
	1351	17.1438	12.162	88.0647	1.70	POSTE	1.48	358.2615	12.155	1386728.827	1038858.821	1.824
	1352	49.2140	5.062	85.1357	1.70	POSTE	1.48	30.3787	5.044	1386721.029	1038861.741	1.844
	1353	0.0000	54.245	89.3453	1.70	LINEAMIENTO	1.48	341.0176	54.244	1386767.971	1038841.546	1.820
	1354	0.0000	34.886	89.3316	1.70	LINEAMIENTO	1.48	341.0176	34.885	1386749.665	1038847.842	1.695
	1355	359.5959	12.160	88.5409	1.70	LINEAMIENTO	1.48	341.0173	12.158	1386728.174	1038855.235	1.657
	1356	111.4541	5.554	86.2431	1.70	PARAMENTO	1.48	92.7790	5.543	1386716.408	1038864.726	1.772
	1357	332.1744	2.834	84.3256	1.70	MANHOLE	1.48	313.3132	2.821	1386718.612	1038857.137	1.693
	1358	142.2229	2.631	86.4900	1.70	VALVULA	1.48	123.3923	2.627	1386715.231	1038861.383	1.570
	1359	140.1408	3.605	87.5929	1.70	ESTRUCTURA	1.48	121.2532	3.603	1386714.808	1038862.270	1.550
	1360	143.5600	3.354	88.0903	1.70	ESTRUCTURA	1.48	124.9509	3.352	1386714.757	1038861.937	1.532
	1361	166.2307	10.385	88.2135	1.70	ESTRUCTURA	1.48	147.4029	10.381	1386707.931	1038864.782	1.721
	1362	170.2434	10.413	88.2624	1.70	ESTRUCTURA	1.48	151.4270	10.409	1386707.536	1038864.168	1.707
	1363	208.2528	10.026	88.2315	1.70	ESTRUCTURA	1.48	189.4420	10.022	1386706.791	1038857.546	1.706
	1364	209.2331	10.266	88.2506	1.70	ESTRUCTURA	1.48	190.4095	10.262	1386706.584	1038857.336	1.707
	1365	217.0523	10.694	91.1359	1.70	ESTRUCTURA	1.48	198.1073	10.692	1386706.515	1038855.867	1.193
	1366	216.2212	11.062	91.1236	1.70	ESTRUCTURA	1.48	197.3876	11.060	1386706.123	1038855.885	1.190
	1367	199.0022	14.524	88.5025	1.70	ESTRUCTURA	1.48	180.0237	14.521	1386702.156	1038859.184	1.718
	1368	199.4402	14.747	88.5025	1.70	ESTRUCTURA	1.48	180.7515	14.744	1386701.934	1038858.996	1.722
	1369	199.2023	16.347	90.1743	1.70	ESTRUCTURA	1.48	180.3573	16.347	1386700.330	1038859.088	1.339
	1370	200.2144	16.399	90.1742	1.70	ESTRUCTURA	1.48	181.3798	16.399	1386700.283	1038858.795	1.339
	1371	164.1317	10.681	93.3133	1.70	DESC_CLAVE	1.48	145.2390	10.661	1386707.919	1038865.268	0.767
	1372	164.0412	10.515	94.5408	1.70	DESC_BATEA	1.48	145.0876	10.477	1386708.086	1038865.186	0.525
	1373	166.2948	11.776	89.4922	1.70	TUBO	1.48	147.5143	11.776	1386706.744	1038865.515	1.460
	1374	153.1220	10.576	98.5012	1.70	BORDE_CANO	1.48	134.2232	10.450	1386709.388	1038866.679	-0.201
	1375	150.5649	5.045	92.0613	1.70	ESTRUCTURA	1.48	131.9645	5.042	1386713.306	1038862.938	1.238
	1376	130.2615	4.176	92.3451	1.70	ESTRUCTURA	1.48	111.4551	4.172	1386715.151	1038863.072	1.236
	1377	143.3134	4.781	98.2743	1.70	DESC_CLAVE	1.48	124.5437	4.729	1386713.995	1038863.085	0.720
	1378	142.1509	4.861	106.2803	1.70	DESC_BATEA	1.48	123.2701	4.662	1386714.120	1038863.087	0.046
	1379	151.2624	8.201	101.0309	1.70	BORDE_CANO	1.48	132.4576	8.049	1386711.244	1038865.128	-0.149
	1380	134.3308	9.842	99.0528	1.70	BORDE_CANO	1.48	115.5698	9.718	1386712.482	1038867.956	-0.131
	1381	237.3353	9.876	88.0612	1.70	PARAMENTO	1.48	218.5823	9.871	1386708.961	1038853.034	1.750
	1382	158.0238	14.728	89.1027	1.70	PARAMENTO	1.48	139.0615	14.726	1386705.552	1038868.839	1.636
	1383	208.0027	10.086	89.0824	1.70	BORDE_VIA	1.48	189.0251	10.085	1386706.717	1038857.608	1.575
	1384	169.1435	8.841	88.5554	1.70	BORDE_VIA	1.48	150.2607	8.839	1386709.002	1038863.575	1.588



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1385	214.4446	11.676	97.1529	1.70	BORDE_CANO	1.48	195.7637	11.582	1386705.530	1038856.043	-0.052
	1386	203.2327	14.584	95.4308	1.70	BORDE_CANO	1.48	184.4084	14.511	1386702.208	1038858.074	-0.030
	1387	222.1214	16.352	95.3258	1.70	BORDE_CANO	1.48	203.2215	16.275	1386701.720	1038852.773	-0.158
	1388	217.1450	20.360	94.2834	1.70	BORDE_CANO	1.48	198.2648	20.298	1386697.402	1038852.828	-0.165
	1389	234.0138	24.735	93.1216	1.70	BORDE_CANO	1.48	215.0448	24.696	1386696.458	1038845.009	0.041
	1390	226.4547	27.044	93.1649	1.70	BORDE_CANO	1.48	207.7807	27.000	1386692.789	1038846.606	-0.124
	1391	236.3241	22.611	91.2405	1.70	TERRENO	1.48	217.5623	22.604	1386698.759	1038845.410	0.871
	1392	223.2952	28.636	91.2911	1.70	TERRENO	1.48	204.5154	28.626	1386690.631	1038847.312	0.681
	1393	234.1912	18.348	89.2726	1.70	TERRENO	1.48	215.3376	18.347	1386701.710	1038848.578	1.597
	1394	215.5214	24.117	91.2717	1.70	TERRENO	1.48	196.8882	24.109	1386693.607	1038852.186	0.811
	1395	236.3325	13.080	87.0341	1.70	TERRENO	1.48	217.5745	13.063	1386706.324	1038851.224	2.094
	1396	203.1136	17.643	89.3208	1.70	TERRENO	1.48	184.2109	17.642	1386699.082	1038857.894	1.567
	1397	223.4851	11.624	91.1309	1.70	TERRENO	1.48	204.8318	11.621	1386706.130	1038854.309	1.176
	1398	225.3405	9.280	88.0942	1.70	TERRENO	1.48	206.5857	9.275	1386708.382	1038855.039	1.721
	1399	225.3318	13.425	89.2002	1.70	ARBOL	1.48	206.5726	13.424	1386704.671	1038853.185	1.580
	1400	201.0142	18.652	89.5307	1.70	ARBOL	1.48	182.0459	18.652	1386698.037	1038858.524	1.461
	1401	169.4521	25.038	89.2433	1.70	POSTE	1.48	150.7734	25.037	1386694.828	1038871.414	1.682
	1402	177.2416	32.384	89.4130	1.70	BORDE_VIA	1.48	158.4220	32.384	1386686.563	1038871.099	1.598
	1403	189.1538	28.184	89.4130	1.70	BORDE_VIA	1.48	170.2782	28.184	1386688.898	1038863.949	1.575
E11040-E11039	E11039	0.0000	32.213	89.3441	1.70	ESTACION	1.46	160.6982	32.210	1386686.277	1038869.837	1.655
	E11041	180.0125	91.640	89.4619	1.70	DELTA	1.46	160.7218	91.639	1386599.777	1038900.092	1.776
	1404	0.0000	25.471	89.3442	1.70	LINEAMIENT	1.46	340.6982	25.470	1386710.316	1038861.418	1.599
	1405	0.0000	9.590	88.4704	1.70	LINEAMIENT	1.46	340.6982	9.588	1386695.326	1038866.667	1.615
	1406	84.2204	5.619	86.2537	1.70	PARAMENTO	1.46	65.0659	5.608	1386688.642	1038874.922	1.762
	1407	120.1232	2.359	85.1732	1.70	BORDE_VIA	1.46	100.9070	2.351	1386685.832	1038872.145	1.605
	1408	122.0835	5.337	87.2040	1.70	BORDE_VIA	1.46	102.8412	5.331	1386685.092	1038875.035	1.659
	1409	160.5513	10.856	88.5354	1.70	BORDE_VIA	1.46	141.6184	10.854	1386677.769	1038876.576	1.620
	1410	140.5505	13.228	88.5351	1.70	BORDE_VIA	1.46	121.6162	13.226	1386679.344	1038881.099	1.666
	1411	131.1443	21.658	88.3331	1.70	PARAMENTO	1.46	111.9434	21.651	1386678.186	1038889.919	1.956
	1412	153.3318	15.695	88.0107	1.70	PARAMENTO	1.46	134.2532	15.686	1386675.331	1038881.072	1.954
	1413	158.0452	16.159	88.0255	1.70	PARAMENTO	1.46	138.7793	16.150	1386674.130	1038880.479	1.962
	1414	166.4526	26.008	88.4802	1.70	PARAMENTO	1.46	147.4554	26.002	1386664.358	1038883.825	1.956
	1415	160.1741	13.305	88.2958	1.70	POSTE	1.46	140.9929	13.300	1386675.942	1038878.208	1.760
	1416	175.4428	14.854	88.5241	1.70	BORDE_VIA	1.46	156.4393	14.851	1386672.664	1038875.773	1.702
	1417	197.0953	16.073	89.0352	1.70	BORDE_VIA	1.46	177.8629	16.071	1386670.218	1038870.436	1.674
	1418	214.5910	8.231	88.0747	1.70	BORDE_VIA	1.46	195.6843	8.227	1386678.357	1038867.613	1.680



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1419	244.2957	5.316	87.3717	1.70	BORDE_VIA	1.46	225.1973	5.311	1386682.534	1038866.068	1.632
	1420	314.2214	6.602	88.4423	1.70	BORDE_VIA	1.46	295.0687	6.600	1386689.074	1038863.858	1.557
	1421	256.0319	12.701	89.0907	1.70	PARAMENTO	1.46	236.7534	12.700	1386679.315	1038859.216	1.599
	1422	254.3047	11.820	89.4218	1.70	POSTE	1.46	235.2112	11.820	1386679.533	1038860.129	1.472
	1423	224.3542	11.451	87.5732	1.70	PARAMENTO	1.46	205.2932	11.444	1386675.931	1038864.947	1.819
	1424	197.4623	7.325	87.2259	1.70	MANHOLE	1.46	178.4712	7.317	1386678.963	1038870.032	1.746
	1425	223.3153	3.824	85.4519	1.70	CAJA_TELEF	1.46	204.2295	3.814	1386682.800	1038868.272	1.694
	1426	171.2446	13.749	89.0716	1.70	SUMIDERO	1.46	152.1109	13.747	1386674.127	1038876.267	1.622
	1427	174.2025	14.218	89.1059	1.70	SUMIDERO	1.46	155.0384	14.217	1386673.389	1038875.836	1.614
	1428	182.3157	81.340	89.4923	1.70	MANHOLE	1.46	163.2307	81.340	1386608.397	1038893.305	1.663
	1429	172.3955	35.961	86.1330	3.50	POSTE	1.46	153.3634	35.883	1386654.203	1038885.924	1.979
	1430	208.2151	12.725	89.5155	0.09	CAJA_TELEF	1.46	189.0623	12.725	1386673.711	1038867.832	3.056
	1431	209.1340	12.927	89.5716	0.09	CAJA_TELEF	1.46	189.9259	12.927	1386673.544	1038867.608	3.037
	1432	211.3102	12.441	90.0013	0.09	CAJA_TELEF	1.46	192.2154	12.441	1386674.118	1038867.204	3.026
	1433	210.4145	12.247	90.0013	0.09	CAJA_TELEF	1.46	191.3940	12.247	1386674.272	1038867.417	3.026
E11041-E11040	E11040	0.0000	91.641	89.5620	1.70	ESTACION	1.48	160.7218	91.639	1386599.777	1038900.092	1.776
	E11042	180.5153	103.229	89.5905	1.70	DELTA	1.48	161.5865	103.229	1386501.833	1038932.699	1.583
	1434	0.0000	73.950	89.5128	1.70	LINEAMIENT	1.48	340.7218	73.950	1386669.580	1038875.677	1.739
	1435	0.0000	44.512	89.3612	1.70	LINEAMIENT	1.48	340.7218	44.511	1386641.792	1038885.396	1.863
	1436	0.0001	12.706	89.1043	1.70	LINEAMIENT	1.48	340.7220	12.705	1386611.769	1038895.897	1.737
	1437	0.0000	3.375	86.1638	1.70	LINEAMIENT	1.48	340.7218	3.368	1386602.956	1038898.980	1.774
	1438	17.3021	15.672	83.2635	2.90	POSTE	1.48	358.2276	15.569	1386615.339	1038899.610	2.145
	1439	107.3041	5.697	83.3207	1.70	PARAMENTO	1.48	88.2332	5.661	1386599.951	1038905.750	2.197
	1440	161.5054	17.416	89.0153	1.70	PARAMENTO	1.48	142.5701	17.414	1386585.949	1038910.676	1.850
	1441	168.0942	23.261	89.3530	1.70	POSTE	1.48	148.8834	23.260	1386579.863	1038912.112	1.721
	1442	202.5617	18.924	89.0339	1.70	POSTE	1.48	183.6598	18.921	1386580.894	1038898.884	1.865
	1443	194.4714	17.959	89.4016	1.70	BORDE_VIA	1.48	175.5090	17.959	1386581.873	1038901.498	1.658
	1444	176.3141	17.143	89.4015	1.70	BORDE_VIA	1.48	157.2498	17.143	1386583.968	1038906.721	1.654
E11042-E11041	E11041	0.0000	103.221	89.4611	1.70	ESTACION	1.47	161.5865	103.229	1386501.833	1038932.699	1.583
	E12017	185.4008	64.380	89.4518	1.70	DELTA	1.47	167.2554	64.379	1386439.039	1038946.902	1.625
	E11043	8.4431	28.071	89.3740	1.70	DELTA	1.47	350.3284	28.070	1386529.504	1038927.983	1.532
	1445	0.0000	69.387	89.4852	1.70	LINEAMIENT	1.47	341.5865	69.387	1386567.667	1038910.782	1.574
	1446	0.0000	30.192	89.3252	1.70	LINEAMIENT	1.47	341.5865	30.191	1386530.478	1038923.163	1.588
	1447	0.0000	7.284	88.1314	1.70	LINEAMIENT	1.47	341.5865	7.280	1386508.740	1038930.399	1.576
	1448	349.4854	46.404	89.3902	1.70	POSTE	1.47	331.4015	46.403	1386542.574	1038910.487	1.633
	1449	346.5336	44.708	89.2814	1.70	PARAMENTO	1.47	328.4798	44.706	1386539.943	1038909.327	1.763



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1450	350.0027	34.998	89.4733	1.70	MANHOLE	1.47	331.5940	34.998	1386532.617	1038916.050	1.476
	1451	341.3605	30.517	87.5738	1.70	PARAMENTO	1.47	323.1879	30.498	1386526.249	1038914.425	2.436
	1452	353.0743	32.527	89.4243	1.70	BORDE_VIA	1.47	334.7151	32.527	1386531.243	1038918.806	1.513
	1453	354.0430	39.139	89.5307	1.70	BORDE_VIA	1.47	335.6615	39.139	1386537.493	1038916.569	1.428
	1454	4.4516	30.809	89.4759	1.70	BORDE_VIA	1.47	346.3409	30.809	1386531.770	1038925.424	1.457
	1455	342.3737	35.681	89.4103	1.70	BORDE_VIA	1.47	324.2134	35.680	1386530.777	1038911.834	1.546
	1456	344.2725	39.446	89.5824	1.70	BORDE_VIA	1.47	326.0434	39.446	1386534.552	1038910.666	1.368
	1457	17.4837	32.859	89.5338	1.70	BORDE_VIA	1.47	359.3968	32.859	1386534.690	1038932.353	1.411
	1458	16.1827	36.847	90.0212	1.70	BORDE_VIA	1.47	357.8940	36.847	1386538.655	1038931.345	1.326
	1459	3.3816	36.327	89.5744	1.70	BORDE_VIA	1.47	345.2243	36.327	1386536.958	1038923.434	1.374
	1460	299.5717	10.712	85.3822	1.70	POSTE	1.47	281.5412	10.681	1386503.970	1038922.234	2.164
	1461	15.0533	28.537	89.0730	1.50	POSTE	1.47	356.6790	28.534	1386530.318	1038931.046	1.985
	1462	349.1259	29.792	89.5245	1.70	SUMIDERO	1.47	330.8029	29.792	1386527.839	1038918.166	1.412
	1463	348.2623	29.279	90.1139	1.70	SUMIDERO	1.47	330.0262	29.279	1386527.196	1038918.071	1.250
	1464	5.1855	64.878	89.1844	2.20	PARAMENTO	1.47	346.9018	64.873	1386565.018	1038917.997	1.628
	1465	5.4244	60.512	89.1802	2.20	PARAMENTO	1.47	347.2987	60.507	1386560.860	1038919.395	1.588
	1466	21.0524	43.268	88.4811	1.70	PARAMENTO	1.47	2.6765	43.259	1386545.044	1038934.719	2.253
	1467	6.1343	37.730	90.2646	1.70	BORDE_CANO	1.47	347.8151	37.729	1386538.712	1038924.736	1.056
	1468	7.3124	37.845	90.2647	1.70	BORDE_CANO	1.47	349.1098	37.844	1386538.995	1038925.549	1.055
	1469	4.0953	49.002	90.0932	1.70	BORDE_CANO	1.47	345.7512	49.002	1386549.327	1038920.638	1.214
	1470	5.2030	49.293	90.0714	1.70	BORDE_CANO	1.47	346.9282	49.293	1386549.848	1038921.550	1.246
	1471	3.3644	59.607	90.0600	1.70	BORDE_CANO	1.47	345.1987	59.607	1386559.462	1038917.472	1.246
	1472	4.1243	59.620	90.0741	1.70	BORDE_CANO	1.47	345.7984	59.620	1386559.631	1038918.072	1.216
	1473	3.5547	60.770	90.2925	1.70	DESC_BATEA	1.47	345.5162	60.768	1386560.669	1038917.501	0.830
	1474	3.5725	60.788	90.0907	1.70	DESC_CLAVE	1.47	345.5434	60.788	1386560.696	1038917.524	1.188
	1475	3.5125	60.818	90.0045	1.70	DES_DOMICI	1.47	345.4434	60.818	1386560.698	1038917.413	1.336
	1476	3.5014	61.881	89.4422	1.70	DES_DOMICI	1.47	345.4237	61.880	1386561.721	1038917.126	1.631
	1477	4.0216	61.901	89.4422	1.70	TUBO	1.47	345.6243	61.900	1386561.795	1038917.331	1.631
	1478	4.4815	60.673	89.4422	1.70	ESTRUCTURA	1.47	346.3907	60.672	1386560.802	1038918.423	1.626
	1479	4.4659	60.800	89.4422	1.70	ESTRUCTURA	1.47	346.3695	60.799	1386560.920	1038918.371	1.626
	1480	3.0946	60.967	89.4335	1.70	ESTRUCTURA	1.47	344.7493	60.966	1386560.652	1038916.662	1.641
	1481	3.0910	61.056	89.4423	1.70	ESTRUCTURA	1.47	344.7393	61.055	1386560.735	1038916.629	1.627
E11043-E11042	E11042	0.0000	28.073	89.1823	1.70	ESTACION	1.43	350.3284	28.070	1386529.504	1038927.983	1.532
	1482	192.1523	8.995	90.1238	1.70	ESTRUCTURA	1.43	2.5848	8.995	1386538.490	1038928.389	1.227
	1483	193.2505	8.409	90.2334	1.70	ESTRUCTURA	1.43	3.7465	8.409	1386537.895	1038928.533	1.202
	1484	185.2150	8.709	90.0141	1.70	ESTRUCTURA	1.43	355.6923	8.709	1386538.189	1038927.329	1.256



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1485	186.1741	8.069	90.0141	1.70	ESTRUCTURA	1.43	356.6232	8.069	1386537.559	1038927.508	1.256
	1486	187.1859	8.043	89.0801	1.70	ESTRUCTURA	1.43	357.6448	8.042	1386537.539	1038927.653	1.382
	1487	194.0241	8.410	89.0311	1.70	ESTRUCTURA	1.43	4.3732	8.409	1386537.889	1038928.624	1.399
	1488	206.4046	5.183	88.3521	1.70	ESTRUCTURA	1.43	17.0079	5.181	1386534.459	1038929.499	1.388
	1489	196.3835	4.726	88.1427	1.70	ESTRUCTURA	1.43	6.9715	4.724	1386534.193	1038928.557	1.405
	1490	226.4329	2.879	88.3449	1.70	ESTRUCTURA	1.43	37.0532	2.878	1386531.801	1038929.718	1.331
	1491	233.5518	3.449	88.1407	1.70	ESTRUCTURA	1.43	44.2501	3.447	1386531.974	1038930.389	1.366
	1492	213.3816	3.831	89.5324	1.70	ESTRUCTURA	1.43	23.9662	3.831	1386533.005	1038929.539	1.267
	1493	221.3237	4.225	89.3323	1.70	ESTRUCTURA	1.43	31.8720	4.225	1386533.092	1038930.214	1.293
	1494	204.5339	4.370	98.2413	1.70	DESC_BATEA	1.43	15.2226	4.323	1386533.676	1038929.118	0.621
	1495	204.4243	4.359	92.3923	1.70	DESC_CLAVE	1.43	15.0404	4.354	1386533.709	1038929.113	1.058
	1496	241.3535	5.641	87.5151	1.70	TUBO	1.43	51.9215	5.637	1386532.981	1038932.421	1.470
	1497	122.2322	15.340	89.3653	1.70	ESTRUCTURA	1.43	292.7179	15.340	1386535.428	1038913.834	1.363
	1498	125.1625	15.986	89.3653	1.70	ESTRUCTURA	1.43	295.6020	15.986	1386536.412	1038913.567	1.368
	1499	121.4941	17.488	89.4119	1.70	ESTRUCTURA	1.43	292.1565	17.488	1386536.099	1038911.787	1.355
	1500	119.1129	16.929	89.4401	1.70	ESTRUCTURA	1.43	289.5198	16.929	1386535.161	1038912.027	1.339
	1501	119.3250	17.052	90.1128	1.70	ESTRUCTURA	1.43	289.8757	17.052	1386535.301	1038911.947	1.203
	1502	121.2919	17.403	90.0517	1.70	ESTRUCTURA	1.43	291.8170	17.403	1386535.972	1038911.827	1.233
	1503	119.4254	18.278	89.4900	1.70	ESTRUCTURA	1.43	290.0434	18.278	1386535.769	1038910.812	1.318
	1504	117.3748	17.969	89.4336	1.70	ESTRUCTURA	1.43	287.9584	17.969	1386535.044	1038910.890	1.346
E12017-E11042	E11042	0.0000	64.388	89.5207	1.70	ESTACION	1.48	167.2554	64.379	1386439.039	1038946.902	1.625
	E12016	136.0550	44.010	89.4019	1.70	DELTA	1.48	123.3526	44.009	1386414.844	1038983.663	1.660
	1505	0.0000	47.050	89.4644	1.70	LINEAMIENT	1.48	347.2554	47.050	1386484.930	1038936.522	1.590
	1506	0.0000	21.177	89.2415	1.70	LINEAMIENT	1.48	347.2554	21.176	1386459.694	1038942.230	1.628
	1507	0.0000	6.312	88.0200	1.70	LINEAMIENT	1.48	347.2554	6.308	1386445.192	1038945.510	1.625
	1508	40.0848	124.116	89.5244	1.70	MANHOLE	1.48	27.4020	124.116	1386549.229	1039004.024	1.670
	1509	356.2611	38.893	89.3815	1.70	MANHOLE	1.48	343.6918	38.892	1386476.367	1038935.980	1.654
	1510	343.4914	27.567	89.4155	1.70	POSTE	1.48	331.0759	27.567	1386463.167	1038933.569	1.553
	1511	339.3354	27.619	89.0137	1.70	PARAMENTO	1.48	326.8204	27.615	1386462.152	1038931.789	1.877
	1512	336.4706	28.064	89.0137	1.70	PARAMENTO	1.48	324.0404	28.060	1386461.752	1038930.424	1.885
	1513	37.3656	34.716	89.2358	1.70	CERRAMIENT	1.48	24.8709	34.714	1386470.534	1038961.502	1.772
	1514	34.3500	35.594	89.1702	1.70	POSTE	1.48	21.8387	35.591	1386472.076	1038960.141	1.853
	1515	335.1042	21.537	89.3014	1.70	LINDERO	1.48	322.4337	21.536	1386456.110	1038933.771	1.594
	1516	29.1137	81.550	89.3515	1.70	CANCHA	1.48	16.4490	81.548	1386517.250	1038969.993	1.995
	1517	24.0638	46.235	89.3850	1.70	CANCHA	1.48	11.3659	46.234	1386484.367	1038956.013	1.693
	1518	42.0118	55.009	89.2340	1.70	CANCHA	1.48	29.2770	55.006	1386487.019	1038973.801	1.989



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1519	31.3825	25.158	89.1656	1.70	VALVULA	1.48	18.8957	25.156	1386462.840	1038955.048	1.723
	1520	310.1654	6.767	88.1308	1.70	BORDE_VIA	1.48	297.5370	6.764	1386442.166	1038940.904	1.618
	1521	9.3630	4.565	87.4659	1.70	BORDE_VIA	1.48	356.8637	4.562	1386443.594	1038946.652	1.585
	1522	255.1808	11.399	88.4804	1.70	LINDERO	1.48	242.5576	11.397	1386433.787	1038936.788	1.646
	1523	241.5731	9.002	88.2719	1.70	BORDE_VIA	1.48	229.2140	8.999	1386433.161	1038940.088	1.651
	1524	100.2834	13.954	91.0850	1.70	CERRAMIENT	1.48	87.7315	13.951	1386439.592	1038960.842	1.129
	1525	99.0734	12.571	90.3609	1.70	POSTE	1.48	86.3815	12.570	1386439.833	1038959.447	1.276
	1526	158.1334	9.268	86.4949	1.70	VALVULA	1.48	145.4815	9.254	1386431.415	1038952.146	1.920
	1527	172.5510	7.992	87.4315	1.70	VALVULA	1.48	160.1748	7.986	1386431.527	1038949.610	1.726
	1528	175.0703	14.731	88.5100	1.70	MANHOLE	1.48	162.3729	14.728	1386425.003	1038951.362	1.704
	1529	109.4932	22.777	90.1446	1.70	VALVULA	1.48	97.0809	22.777	1386436.232	1038969.505	1.310
	1530	110.1243	37.466	90.2522	1.50	POSTE	1.48	97.4673	37.465	1386434.170	1038984.049	1.331
	1531	103.1952	36.366	91.0403	1.50	CERRAMIENT	1.48	90.5865	36.360	1386438.667	1038983.259	0.930
	1532	217.3301	18.544	88.5601	1.70	POSTE	1.48	204.8057	18.541	1386422.209	1038939.123	1.753
	1533	157.2004	30.766	88.2315	1.70	PARAMENTO	1.48	144.5898	30.754	1386413.974	1038964.721	2.274
	1534	214.1724	20.127	88.5923	1.70	PARAMENTO	1.48	201.5454	20.124	1386420.322	1038939.511	1.763
	1535	148.5449	37.478	89.3238	1.70	PARAMENTO	1.48	136.1690	37.477	1386412.004	1038972.856	1.706
	1536	229.1709	22.429	89.0755	1.70	PARAMENTO	1.48	216.5412	22.426	1386421.021	1038933.549	1.748
	1537	147.4350	35.309	89.4004	1.70	POSTE	1.48	134.9859	35.308	1386414.079	1038971.875	1.613
	1538	144.3036	33.714	89.4004	1.70	BORDE_VIA	1.48	131.7654	33.713	1386416.584	1038972.048	1.603
	1539	224.2243	17.022	89.1739	1.70	BORDE_VIA	1.48	211.6340	17.021	1386424.548	1038937.974	1.618
	1540	151.2523	34.815	89.3402	1.70	BORDE_VIA	1.48	138.6784	34.814	1386412.894	1038969.889	1.671
	1541	154.3502	32.182	89.3402	1.70	BORDE_VIA	1.48	141.8393	32.181	1386413.736	1038966.785	1.651
	1542	149.2706	29.081	89.3918	1.70	BORDE_VIA	1.48	136.7070	29.080	1386417.873	1038966.843	1.583
	1543	139.0006	26.474	89.2109	1.70	BORDE_VIA	1.48	126.2570	26.472	1386423.383	1038968.248	1.707
	1544	248.4729	15.306	88.5030	1.70	BORDE_VIA	1.48	236.0468	15.303	1386430.493	1038934.208	1.717
	1545	153.5956	16.489	89.0533	1.70	BORDE_VIA	1.48	141.2543	16.487	1386426.181	1038957.220	1.669
	1546	163.3910	9.753	87.5441	1.70	BORDE_VIA	1.48	150.9082	9.747	1386430.523	1038951.640	1.763
	1547	167.5058	5.539	87.4005	1.70	BORDE_VIA	1.48	155.1048	5.534	1386434.019	1038949.231	1.633
	1548	103.1338	31.916	91.4822	1.70	TUBO	1.48	90.4826	31.900	1386438.771	1038978.801	0.402
E12016-E12017	E12017	0.0000	44.010	89.5826	1.50	ESTACION	1.45	123.3526	44.009	1386414.844	1038983.663	1.660
	E12015	161.0519	65.714	89.4410	1.70	DELTA	1.45	104.4412	65.713	1386398.456	1039047.300	1.713
	E11044	338.2557	51.597	89.4116	1.70	DELTA	1.45	281.7851	51.596	1386425.382	1038933.154	1.691
	1549	0.0000	34.730	89.5827	1.50	LINEAMIENT	1.45	303.3526	34.730	1386433.938	1038954.653	1.626
	1550	0.0000	29.773	89.4758	1.50	LINEAMIENT	1.45	303.3526	29.773	1386431.212	1038958.793	1.714
	1551	0.0000	27.613	89.5531	1.50	LINEAMIENT	1.45	303.3526	27.613	1386430.025	1038960.597	1.646



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1552	0.0000	15.203	89.3610	1.50	LINEAMIENT	1.45	303.3526	15.203	1386423.202	1038970.964	1.715
	1553	0.0000	4.778	88.4939	1.50	LINEAMIENT	1.45	303.3526	4.777	1386417.470	1038979.672	1.708
E11044-E12016	E12016	0.0000	51.598	89.4630	1.70	ESTACION	1.47	281.7851	51.596	1386425.382	1038933.154	1.691
	E12017	303.2450	19.376	89.2854	1.70	DELTA	1.47	45.1990	19.375	1386439.034	1038946.902	1.631
	E11045	170.5414	93.086	89.5917	1.70	DELTA	1.47	272.6890	93.086	1386429.749	1038840.171	1.475
	1554	303.2449	14.337	89.0404	1.70	LINEAMIENT	1.47	45.1987	14.335	1386435.483	1038943.326	1.689
	1555	303.2449	7.875	88.2117	1.70	LINEAMIENT	1.47	45.1987	7.872	1386430.928	1038938.740	1.682
	1556	303.2449	2.972	84.2451	1.70	LINEAMIENT	1.47	45.1987	2.958	1386427.466	1038935.253	1.745
	1557	225.4331	10.221	89.1135	1.70	PARAMENTO	1.47	327.5104	10.220	1386434.002	1038927.664	1.600
	1558	188.4031	23.353	89.0928	1.70	POSTE	1.47	290.4604	23.350	1386433.544	1038911.277	1.799
	1559	178.4844	39.337	89.2835	1.70	MANHOLE	1.47	280.5973	39.335	1386432.616	1038894.490	1.816
	1560	182.1658	37.678	89.2834	1.70	PARAMENTO	1.47	284.0679	37.676	1386434.540	1038896.608	1.801
	1561	181.3556	42.728	89.0059	1.70	PARAMENTO	1.47	283.3840	42.722	1386435.271	1038891.593	2.190
	1562	163.1700	43.637	89.2322	2.00	MANHOLE	1.47	265.0684	43.635	1386421.631	1038889.681	1.621
	1563	176.3635	63.825	89.4209	1.70	POSTE	1.47	278.3948	63.824	1386434.700	1038870.014	1.787
	1564	175.0945	67.188	89.5149	1.70	MANHOLE	1.47	276.9476	67.188	1386433.509	1038866.460	1.616
	1565	174.0634	69.200	89.5610	1.70	BORDE_VIA	1.47	275.8945	69.200	1386432.488	1038864.320	1.533
	1566	162.3344	35.148	89.0620	2.00	MANHOLE	1.47	264.3473	35.144	1386421.920	1038898.181	1.705
	1567	161.1606	14.077	87.1655	1.70	POSTE	1.47	263.0534	14.061	1386423.681	1038919.196	2.124
	1568	175.0528	101.811	90.0015	1.70	PARAMENTO	1.47	276.8762	101.811	1386437.571	1038832.075	1.449
	1569	174.3111	98.475	89.5125	2.00	POSTE	1.47	276.3048	98.475	1386436.196	1038835.275	1.402
	1570	173.2839	96.561	89.4752	2.00	SEMAFORO	1.47	275.2626	96.560	1386434.238	1038837.001	1.497
	1571	168.5808	36.595	89.3804	1.70	BORDE_VIA	1.47	270.7540	36.594	1386425.863	1038896.563	1.690
	1572	172.4535	105.064	90.0354	1.70	BORDE_VIA	1.47	274.5448	105.064	1386433.707	1038828.421	1.337
	1573	168.4212	41.799	89.4915	1.70	BORDE_VIA	1.47	270.4884	41.799	1386425.738	1038891.357	1.587
	1574	164.4605	42.029	89.4345	1.70	BORDE_VIA	1.47	266.5532	42.029	1386422.855	1038891.202	1.655
	1575	169.1623	102.369	90.0308	1.70	BORDE_VIA	1.47	271.0582	102.369	1386427.272	1038830.803	1.363
	1576	163.2532	44.286	89.5329	1.70	PARAMENTO	1.47	265.2107	44.286	1386421.684	1038889.023	1.540
	1577	167.2712	100.327	89.4654	1.70	SEMAFORO	1.47	269.2384	100.326	1386424.048	1038832.837	1.838
	1578	166.3813	60.889	89.4254	1.70	POSTE	1.47	268.4220	60.888	1386423.705	1038872.289	1.759
E11045-E11044	E11044	0.0000	93.083	89.5052	1.50	ESTACION	1.47	272.6890	93.086	1386429.749	1038840.171	1.475
	E11046	179.4835	98.833	90.0839	1.70	DELTA	1.47	272.4987	98.833	1386434.058	1038741.432	1.001
	1579	0.0000	80.751	89.4802	1.50	LINEAMIENT	1.47	92.6890	80.751	1386425.960	1038920.832	1.731
	1580	0.0000	67.739	89.4341	1.50	LINEAMIENT	1.47	92.6890	67.738	1386426.571	1038907.834	1.771
	1581	0.0000	50.849	89.4340	1.50	LINEAMIENT	1.47	92.6890	50.848	1386427.363	1038890.963	1.691
	1582	0.0000	25.074	89.3918	1.50	LINEAMIENT	1.47	92.6890	25.074	1386428.572	1038865.217	1.600



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1583	0.0000	9.339	89.3918	1.50	LINEAMIENT	1.47	92.6890	9.339	1386429.311	1038849.499	1.506
	1584	17.4902	21.392	88.4154	1.70	PARAMENTO	1.47	110.5062	21.386	1386422.257	1038860.202	1.735
	1585	4.5509	60.908	89.2122	1.70	PARAMENTO	1.47	97.6082	60.904	1386421.685	1038900.539	1.934
	1586	5.1541	59.208	89.2412	1.70	MANHOLE	1.47	97.9504	59.205	1386421.560	1038898.806	1.866
	1587	4.4400	59.149	89.2412	1.70	MANHOLE	1.47	97.4223	59.146	1386422.108	1038898.821	1.865
	1588	4.4232	59.788	89.2412	1.70	MANHOLE	1.47	97.3979	59.785	1386422.051	1038899.458	1.872
	1589	5.0847	59.819	89.2412	1.70	MANHOLE	1.47	97.8354	59.816	1386421.594	1038899.428	1.872
	1590	217.4241	19.719	89.3226	1.70	BORDE_VIA	1.47	310.4004	19.718	1386442.529	1038825.154	1.408
	1591	219.4542	18.955	88.1925	1.70	SEMAFORO	1.47	312.4507	18.947	1386442.537	1038826.190	1.804
	1592	201.3745	24.465	89.1055	1.70	SEMAFORO	1.47	294.3182	24.463	1386439.822	1038817.879	1.599
	1593	192.3623	25.095	89.2708	1.70	SEMAFORO	1.47	285.2954	25.094	1386436.368	1038815.966	1.489
	1594	152.0044	17.727	88.1507	1.70	SEMAFORO	1.47	244.7012	17.719	1386422.177	1038824.151	1.790
	1595	163.2006	20.199	88.4524	1.70	POSTE	1.47	256.0240	20.194	1386424.872	1038820.574	1.688
	1596	203.5027	24.439	89.4223	1.70	BORDE_VIA	1.47	296.5298	24.439	1386440.665	1038818.305	1.375
	1597	167.2523	17.418	89.2631	1.70	BORDE_VIA	1.47	260.1120	17.417	1386426.758	1038823.012	1.419
	1598	195.2141	21.292	89.3720	1.70	BORDE_VIA	1.47	288.0504	21.292	1386436.346	1038819.927	1.390
	1599	128.1713	19.293	89.2435	1.70	BORDE_VIA	1.47	220.9759	19.292	1386415.184	1038827.520	1.448
	1600	115.0306	13.346	89.0739	1.70	BORDE_VIA	1.47	207.7407	13.344	1386417.938	1038833.959	1.453
	1601	188.1730	22.715	89.4233	1.70	BORDE_VIA	1.47	280.9807	22.715	1386434.075	1038817.872	1.365
	1602	181.4157	19.952	89.2556	1.70	CAMA_TELEF	1.47	274.3882	19.951	1386431.275	1038820.278	1.447
	1603	97.0636	7.871	86.4741	1.70	PARAMENTO	1.47	189.7990	7.859	1386422.005	1038838.833	1.690
	1604	173.0606	20.620	89.2954	1.70	MANHOLE	1.47	265.7907	20.619	1386428.235	1038819.607	1.430
	1605	174.4105	15.068	89.1422	1.70	MANHOLE	1.47	267.3737	15.067	1386429.058	1038825.120	1.450
	1606	161.3417	17.303	88.4432	1.70	VALVULA	1.47	254.2604	17.299	1386425.056	1038823.520	1.629
	1607	165.3939	18.244	89.5654	1.70	SUMIDERO	1.47	258.3498	18.244	1386426.065	1038822.302	1.266
	1608	166.5045	17.695	89.4115	1.70	SUMIDERO	1.47	259.5348	17.695	1386426.535	1038822.770	1.346
	1609	161.1133	21.734	88.4336	1.70	PARAMENTO	1.47	253.8815	21.729	1386423.716	1038819.296	1.732
	1610	210.3222	33.960	89.4231	1.70	PARAMENTO	1.47	303.2284	33.960	1386448.358	1038811.764	1.422
	1611	198.3825	27.334	89.3945	1.70	PARAMENTO	1.47	291.3293	27.334	1386439.691	1038814.709	1.411
	1612	120.0614	26.949	88.4417	1.70	PARAMENTO	1.47	212.7929	26.942	1386407.100	1038825.578	1.843
	1613	194.0909	28.585	89.0117	2.00	PARAMENTO	1.47	286.8415	28.581	1386438.029	1038812.816	1.438
	1614	192.0426	33.063	89.4046	1.70	PARAMENTO	1.47	284.7629	33.062	1386438.174	1038808.200	1.434
	1615	189.2412	33.357	89.4403	1.70	POSTE	1.47	282.0923	33.357	1386436.737	1038807.554	1.404
	1616	173.1428	45.824	89.4622	1.70	POSTE	1.47	265.9301	45.824	1386426.496	1038794.462	1.431
	1617	186.0723	54.815	88.4912	2.90	POSTE	1.47	278.8120	54.803	1386438.144	1038786.014	1.178
	1618	174.5410	41.060	89.5239	1.70	MANHOLE	1.47	267.5918	41.060	1386428.023	1038799.147	1.337



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1619	176.0658	42.875	90.0755	1.70	BORDE_VIA	1.47	268.8051	42.875	1386428.855	1038797.305	1.151
	1620	183.4929	42.064	90.0452	1.70	BORDE_VIA	1.47	276.5137	42.064	1386434.521	1038798.378	1.190
	1621	171.0058	23.659	89.0759	1.70	SEMAFORO	1.47	263.7051	23.656	1386427.155	1038816.657	1.607
	1622	102.2545	12.336	88.2155	1.70	MANHOLE	1.47	195.1182	12.331	1386417.845	1038836.955	1.601
E11046-E11045	E11045	0.0000	98.848	89.3719	1.70	ESTACION	1.48	272.4987	98.833	1386434.058	1038741.432	1.001
	E11047	181.2921	98.639	90.0322	1.70	DELTA	1.48	273.9879	98.639	1386440.917	1038643.032	0.684
	1623	0.0000	68.650	89.3637	1.70	LINEAMIENT	1.48	92.4987	68.648	1386431.065	1038810.015	1.248
	1624	0.0001	42.568	89.2952	1.70	LINEAMIENT	1.48	92.4990	42.566	1386432.202	1038783.958	1.154
	1625	0.0001	10.862	88.3712	1.70	LINEAMIENT	1.48	92.4990	10.859	1386433.584	1038752.280	1.042
	1626	15.5003	16.796	89.2215	1.70	POSTE	1.48	108.3329	16.795	1386428.775	1038757.374	0.965
	1627	309.0612	7.702	79.1846	2.90	POSTE	1.48	41.6020	7.568	1386439.717	1038746.457	1.009
	1628	96.4244	6.096	87.5507	1.70	PARAMENTO	1.48	189.2109	6.092	1386428.044	1038740.457	1.002
	1629	191.4013	33.322	88.5908	1.70	POSTE	1.48	284.1690	33.317	1386442.213	1038709.129	1.371
	1630	168.3221	18.585	89.1958	1.70	POSTE	1.48	261.0379	18.584	1386431.163	1038723.075	0.997
	1631	186.2054	70.100	89.4733	1.70	POSTE	1.48	278.8470	70.100	1386444.839	1038672.166	1.035
	1632	170.1200	30.373	89.4046	1.70	PARAMENTO	1.48	262.6987	30.373	1386430.198	1038711.306	0.951
	1633	187.3726	72.909	89.1648	2.30	PARAMENTO	1.48	280.1226	72.903	1386446.871	1038669.663	1.097
	1634	176.5502	55.123	89.4933	1.50	POSTE	1.48	269.4159	55.123	1386433.496	1038686.312	1.148
	1635	184.1642	72.833	90.0253	1.70	BORDE_VIA	1.48	276.7770	72.833	1386442.652	1038669.108	0.720
	1636	179.5523	73.089	89.4952	1.70	BORDE_VIA	1.48	272.4218	73.089	1386437.146	1038668.408	0.996
	1637	183.1950	98.460	90.0440	1.70	BORDE_VIA	1.48	275.8293	98.460	1386444.058	1038643.481	0.647
	1638	180.1139	98.587	90.0609	1.70	BORDE_VIA	1.48	272.6929	98.587	1386438.689	1038642.954	0.604
E11047-E11046	E11046	0.0000	98.641	89.4023	1.70	ESTACION	1.46	273.9879	98.639	1386440.917	1038643.032	0.684
	E11048	170.5358	39.298	90.1227	1.70	DELTA	1.46	264.8873	39.298	1386437.415	1038603.890	0.300
	1639	0.0001	78.865	89.3754	1.70	LINEAMIENT	1.46	93.9882	78.863	1386435.432	1038721.704	0.949
	1640	0.0001	53.976	89.3333	1.70	LINEAMIENT	1.46	93.9882	53.974	1386437.163	1038696.875	0.857
	1641	0.0000	21.801	89.0006	1.70	LINEAMIENT	1.46	93.9879	21.798	1386439.401	1038664.777	0.822
	1642	0.0000	7.936	87.4408	1.70	LINEAMIENT	1.46	93.9879	7.930	1386440.366	1038650.942	0.756
	1643	70.1640	8.993	83.2002	1.70	PARAMENTO	1.46	164.2657	8.932	1386432.320	1038645.454	1.486
	1644	103.4321	8.921	83.0857	1.70	PARAMENTO	1.46	197.7104	8.857	1386432.480	1038640.337	1.506
	1645	116.1612	5.598	90.4434	1.70	PARAMENTO	1.46	210.2579	5.598	1386436.082	1038640.211	0.370
	1646	342.5248	22.778	91.3447	0.09	PARAMENTO	1.46	76.8679	22.769	1386446.091	1038665.206	1.429
	1647	300.0528	7.883	84.5923	1.70	PARAMENTO	1.46	34.0790	7.853	1386447.422	1038647.432	1.131
	1648	291.0032	8.459	85.1741	1.70	PARAMENTO	1.46	24.9968	8.430	1386448.558	1038646.594	1.136
	1649	270.2359	5.039	88.4322	1.70	MANHOLE	1.46	4.3876	5.038	1386445.940	1038643.417	0.555
	1650	277.1733	6.084	88.3843	1.70	POSTE	1.46	11.2804	6.082	1386446.882	1038644.221	0.586



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1651	282.2350	13.858	89.4800	1.70	PARAMENTO	1.46	16.3851	13.858	1386454.213	1038646.941	0.491
	1652	158.2129	18.554	89.3420	1.70	PARAMENTO	1.46	252.3459	18.553	1386435.291	1038625.352	0.581
	1653	160.0319	21.535	90.1011	1.70	POSTE	1.46	254.0432	21.535	1386434.997	1038622.327	0.378
	1654	164.3910	21.464	89.4438	1.70	BORDE_VIA	1.46	258.6407	21.464	1386436.690	1038621.988	0.538
	1655	177.2803	20.882	89.2942	1.70	BORDE_VIA	1.46	271.4554	20.881	1386441.448	1038622.157	0.626
	1656	173.5439	31.209	89.3419	1.70	BORDE_VIA	1.46	267.8987	31.208	1386439.773	1038611.845	0.675
	1657	165.5100	30.497	89.5247	1.70	BORDE_VIA	1.46	259.8379	30.497	1386435.537	1038613.013	0.506
	1658	158.4830	30.531	89.5246	1.70	BORDE_VIA	1.46	252.7962	30.531	1386431.887	1038613.867	0.506
	1659	163.5054	31.779	90.0328	1.70	PARAMENTO	1.46	257.8362	31.779	1386434.221	1038611.966	0.410
	1660	158.2614	32.374	89.5501	1.70	PARAMENTO	1.46	252.4251	32.374	1386431.142	1038612.169	0.489
	1661	165.0057	40.633	90.0206	1.70	PARAMENTO	1.46	259.0037	40.633	1386433.167	1038603.145	0.417
	1662	160.4806	22.967	90.0511	1.70	BORDE_VIA	1.46	254.7895	22.967	1386434.892	1038620.869	0.408
	1663	165.3758	26.980	89.4606	1.70	MANHOLE	1.46	259.6207	26.980	1386436.057	1038616.493	0.551
	1664	113.5513	4.018	87.4617	1.70	POSTE	1.46	207.9082	4.015	1386437.369	1038641.153	0.598
	1665	133.2202	4.723	89.1018	1.70	ESTRUCTURA	1.46	227.3551	4.723	1386437.718	1038639.558	0.510
	1666	140.1754	4.191	87.2540	1.70	ESTRUCTURA	1.46	234.2862	4.187	1386438.473	1038639.632	0.630
	1667	127.4925	3.378	89.3906	1.70	ESTRUCTURA	1.46	221.8115	3.378	1386438.400	1038640.780	0.463
	1668	122.2335	3.960	87.4432	1.70	ESTRUCTURA	1.46	216.3809	3.957	1386437.732	1038640.685	0.598
	1669	273.5046	32.916	90.3445	1.70	BORDE_VIA	1.46	7.8340	32.914	1386473.525	1038647.518	0.109
	1670	279.5112	32.648	90.2124	1.70	BORDE_VIA	1.46	13.8412	32.647	1386472.617	1038650.842	0.239
	1671	272.1921	32.914	90.5233	1.70	BORDE_CANO	1.46	6.3104	32.910	1386473.628	1038646.649	-0.061
	1672	269.5949	27.157	89.5517	2.20	DES_DOMICI	1.46	3.9848	27.157	1386468.009	1038644.919	-0.021
	1673	272.5022	26.758	89.4320	2.20	DES_DOMICI	1.46	6.8273	26.758	1386467.485	1038646.213	0.072
	1674	267.3758	20.080	90.5112	1.70	DES_DOMICI	1.46	1.6207	20.078	1386460.987	1038643.600	0.143
	1675	268.3005	20.008	90.5025	1.70	DES_DOMICI	1.46	2.4893	20.006	1386460.904	1038643.901	0.149
	1676	266.5704	19.423	91.4426	1.70	BORDE_CANO	1.46	0.9390	19.414	1386460.329	1038643.350	-0.148
	1677	254.5408	15.108	92.1304	1.70	BORDE_CANO	1.46	348.8901	15.097	1386455.731	1038640.123	-0.142
	1678	265.5527	19.619	90.5915	1.70	ARBOL	1.46	359.9120	19.616	1386460.533	1038643.002	0.104
	1679	239.4507	10.658	89.4804	1.70	ARBOL	1.46	333.7398	10.658	1386450.475	1038638.316	0.479
	1680	223.5714	11.738	91.2743	1.70	DES_DOMICI	1.46	317.9418	11.734	1386449.630	1038635.171	0.143
	1681	223.5418	11.708	90.5817	1.70	DES_DOMICI	1.46	317.8929	11.706	1386449.602	1038635.182	0.244
	1682	235.4358	9.409	90.4312	1.70	DES_DOMICI	1.46	329.7207	9.408	1386449.042	1038638.288	0.324
	1683	236.1349	9.083	92.0420	1.70	ESTRUCTURA	1.46	330.2182	9.077	1386448.796	1038638.523	0.114
	1684	235.0503	8.395	92.1933	1.70	ESTRUCTURA	1.46	329.0720	8.388	1386448.113	1038638.721	0.102
	1685	241.2917	8.095	89.3818	1.70	ESTRUCTURA	1.46	335.4759	8.095	1386448.282	1038639.672	0.493
	1686	236.4755	8.456	89.3505	1.70	ESTRUCTURA	1.46	330.7865	8.456	1386448.298	1038638.905	0.504



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	1687	239.0023	9.443	89.4624	1.70	ESTRUCTURA	1.46	332.9943	9.443	1386449.331	1038638.744	0.480
	1688	245.5045	8.809	89.4624	1.70	ESTRUCTURA	1.46	339.8337	8.809	1386449.186	1038639.995	0.477
	1689	233.1324	7.572	89.2129	1.70	ESTRUCTURA	1.46	327.2112	7.572	1386447.283	1038638.931	0.527
	1690	237.4827	7.102	89.3215	1.70	ESTRUCTURA	1.46	331.7954	7.102	1386447.176	1038639.675	0.500
	1691	227.0406	9.685	92.3606	1.70	BORDE_CANO	1.46	321.0562	9.675	1386448.442	1038636.950	0.003
	1692	225.4024	9.479	88.3521	2.40	BORDE_CANO	1.46	319.6612	9.476	1386448.140	1038636.898	-0.024
	1693	221.4003	11.942	89.3809	2.40	BORDE_CANO	1.46	315.6554	11.942	1386449.458	1038634.685	-0.182
	1694	217.4427	11.500	89.1640	2.40	BORDE_CANO	1.46	311.7287	11.499	1386448.571	1038634.450	-0.113
	1695	194.3010	12.224	91.4534	1.70	BORDE_CANO	1.46	288.4907	12.218	1386444.792	1038631.444	0.067
	1696	190.5046	12.291	91.1131	1.70	BORDE_CANO	1.46	284.8340	12.288	1386444.063	1038631.153	0.187
	1697	207.3328	11.357	89.2745	1.70	TERRENO	1.46	301.5457	11.357	1386446.859	1038633.353	0.549
	1698	206.4844	10.271	89.2414	1.70	TERRENO	1.46	300.8001	10.270	1386446.176	1038634.210	0.549
	1699	202.3944	10.364	90.0932	1.70	TERRENO	1.46	296.6501	10.364	1386445.566	1038633.769	0.413
	1700	201.2416	11.404	92.1718	1.70	TERRENO	1.46	295.3923	11.395	1386445.804	1038632.738	-0.013
	1701	204.2524	10.078	89.2453	1.70	TERRENO	1.46	298.4112	10.077	1386445.712	1038634.168	0.545
	1702	204.4411	10.293	95.2845	1.70	TERRENO	1.46	298.7243	10.246	1386445.842	1038634.047	-0.541
	1703	180.1240	22.751	91.0606	1.70	BORDE_CANO	1.46	274.1990	22.747	1386442.583	1038620.346	0.005
	1704	180.3916	22.625	90.0908	1.70	DESC_CLAVE	1.46	274.6423	22.625	1386442.749	1038620.481	0.382
	1705	180.3652	22.630	90.3706	1.70	DESC_BATEA	1.46	274.6023	22.629	1386442.733	1038620.476	0.198
	1706	171.3610	22.292	89.3142	1.70	TUBO	1.46	265.5907	22.291	1386439.204	1038620.806	0.626
	1707	161.2609	22.416	90.2458	1.70	TUBO	1.46	255.4237	22.415	1386435.276	1038621.338	0.279
	1708	181.3639	20.859	92.3012	1.70	DESC_BATEA	1.46	275.5987	20.839	1386442.950	1038622.292	-0.469
	1709	181.3300	20.947	91.4512	1.70	DESC_CLAVE	1.46	275.5379	20.937	1386442.938	1038622.192	-0.199
	1710	177.2659	20.493	89.2839	1.70	TUBO	1.46	271.4376	20.492	1386441.432	1038622.546	0.629
	1711	184.0306	25.942	91.5714	0.09	TUBO	1.46	278.0395	25.927	1386444.543	1038617.360	1.173
	1712	194.3344	28.767	88.3909	1.70	TUBO	1.46	288.5501	28.759	1386450.067	1038615.767	1.119
	1713	195.2636	27.947	87.4747	2.50	PUENTE	1.46	289.4312	27.926	1386450.208	1038616.696	0.717
	1714	195.2112	28.288	87.4518	2.50	PUENTE	1.46	289.3412	28.266	1386450.279	1038616.361	0.750
	1715	194.1914	27.895	87.3221	2.50	PUENTE	1.46	288.3084	27.869	1386449.672	1038616.573	0.840
	1716	194.0401	28.150	87.0334	2.50	PUENTE	1.46	288.0548	28.113	1386449.630	1038616.303	1.086
	1717	193.5724	28.356	87.0633	2.50	PUENTE	1.46	287.9445	28.320	1386449.643	1038616.089	1.072
	1718	188.1420	35.026	91.4013	0.09	PUENTE	1.46	282.2268	35.011	1386448.332	1038608.815	1.036
	1719	186.0109	26.191	92.1446	0.09	PUENTE	1.46	280.0070	26.171	1386445.465	1038617.259	1.031
	1720	185.3257	25.427	92.5401	0.09	PUENTE	1.46	279.5370	25.394	1386445.125	1038617.988	0.771
	1721	181.4315	33.305	91.4453	0.09	PUENTE	1.46	275.7087	33.290	1386444.229	1038609.907	1.041
	1722	185.2807	25.598	92.5109	0.09	PUENTE	1.46	279.4565	25.566	1386445.118	1038617.813	0.783



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	1723	180.1403	22.824	90.2705	1.70	PUENTE	1.46	274.2220	22.823	1386442.598	1038620.270	0.262
	1724	176.2751	33.872	89.5417	1.70	PARAMENTO	1.46	270.4520	33.872	1386441.185	1038609.161	0.499
	1725	180.1120	34.032	89.4228	1.70	PARAMENTO	1.46	274.1768	34.032	1386443.396	1038609.091	0.616
	1726	195.4325	24.872	88.1550	2.40	PARAMENTO	1.46	289.7115	24.861	1386449.303	1038619.628	0.496
	1727	192.5547	27.368	88.5212	2.40	BORDE_CANO	1.46	286.9176	27.363	1386448.880	1038616.853	0.282
	1728	193.2759	25.109	89.3600	2.40	BORDE_CANO	1.46	287.4543	25.108	1386448.449	1038619.079	-0.082
	1729	192.0345	21.239	89.4558	2.40	BORDE_CANO	1.46	286.0504	21.239	1386446.790	1038622.621	-0.171
	1730	209.5435	16.374	89.4920	2.40	BORDE_CANO	1.46	303.8976	16.374	1386450.049	1038629.441	-0.207
	1731	187.2305	35.823	91.4324	0.09	PARAMENTO	1.46	281.3726	35.807	1386447.978	1038607.928	0.980
	1732	259.4044	24.430	91.2936	1.70	BORDE_CANO	1.46	353.6668	24.422	1386465.190	1038640.338	-0.194
	1733	255.3506	25.153	90.4218	1.70	PARAMENTO	1.46	349.5729	25.151	1386465.653	1038638.480	0.133
	1734	267.3118	34.395	90.4831	1.70	BORDE_CANO	1.46	1.5095	34.392	1386475.297	1038643.938	-0.043
	1735	180.3549	33.886	89.2841	1.70	DESCARGA	1.46	274.5848	33.885	1386443.626	1038609.256	0.751
	1736	179.4115	33.429	89.2636	1.70	DESCARGA	1.46	273.6754	33.427	1386443.060	1038609.673	0.767
	1737	189.5718	36.431	89.1059	1.70	DESCARGA	1.46	283.9429	36.427	1386449.695	1038607.678	0.962
	1738	191.3209	36.132	89.1100	1.70	DESCARGA	1.46	285.5237	36.128	1386450.587	1038608.221	0.957
	1739	165.4806	31.302	90.0113	1.70	DESCARGA	1.46	259.7895	31.302	1386435.369	1038612.225	0.431
	1740	165.4237	31.941	90.1227	1.70	DESCARGA	1.46	259.6982	31.941	1386435.205	1038611.606	0.327
	1741	164.3535	31.914	90.0328	1.70	DESCARGA	1.46	258.5809	31.914	1386434.599	1038611.749	0.410
	1742	164.3539	31.244	90.0328	1.70	DESCARGA	1.46	258.5820	31.244	1386434.732	1038612.406	0.411
	1743	235.1152	7.359	92.4532	1.70	DESC_BATEA	1.46	329.1857	7.350	1386447.230	1038639.266	0.088
	1744	235.1833	7.219	89.4114	1.70	DESC_CLAVE	1.46	329.2970	7.219	1386447.124	1038639.346	0.482
E11048-E11047	E11047	0.0000	39.303	89.0514	1.70	ESTACION	1.45	264.8873	39.298	1386437.415	1038603.890	0.300
	E11049	188.0009	73.026	89.3921	1.70	DELTA	1.45	272.8898	73.025	1386441.097	1038530.959	0.493
	1745	0.0000	33.086	88.5318	1.70	LINEAMIENT	1.45	84.8873	33.080	1386440.363	1038636.839	0.696
	1746	0.0002	20.572	88.2112	1.70	LINEAMIENT	1.45	84.8879	20.564	1386439.248	1038624.372	0.645
	1747	0.0000	10.667	86.5155	1.70	LINEAMIENT	1.45	84.8873	10.651	1386438.365	1038614.499	0.637
	1748	0.0000	8.099	86.5641	1.70	LINEAMIENT	1.45	84.8873	8.087	1386438.136	1038611.946	0.486
	1749	0.0001	3.690	85.5719	1.70	LINEAMIENT	1.45	84.8876	3.681	1386437.743	1038607.557	0.314
	1750	15.0916	16.757	88.2017	1.70	VALVULA	1.45	100.0418	16.750	1386434.495	1038620.384	0.540
	1751	26.1745	20.451	86.3249	2.60	POSTE	1.45	111.1832	20.414	1386430.039	1038622.925	0.386
	1752	254.2140	3.577	87.0804	1.70	PARAMENTO	1.45	339.2484	3.573	1386440.756	1038602.625	0.233
	1753	248.1943	2.661	84.5140	1.70	PARAMENTO	1.45	333.2159	2.650	1386439.781	1038602.696	0.292
	1754	213.2858	4.865	86.2709	1.70	PARAMENTO	1.45	298.3701	4.856	1386439.723	1038599.618	0.355
	1755	221.0528	6.223	71.3128	3.40	POSTE	1.45	305.9784	5.902	1386440.883	1038599.114	0.326
	1756	172.0111	19.453	88.5833	1.70	PARAMENTO	1.45	256.9070	19.450	1386433.009	1038584.946	0.402



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	1757	176.1941	20.580	88.5833	1.70	PARAMENTO	1.45	261.2154	20.577	1386434.273	1038583.555	0.422
	1758	179.4254	19.548	89.1559	1.70	POSTE	1.45	264.6023	19.546	1386435.577	1038584.431	0.304
	1759	203.4907	10.852	88.0253	1.70	ESTRUCTURA	1.45	288.7059	10.846	1386440.894	1038593.618	0.424
	1760	204.1458	10.551	87.5722	1.70	ESTRUCTURA	1.45	289.1368	10.544	1386440.872	1038593.929	0.430
	1761	208.2653	10.955	88.0900	1.70	ESTRUCTURA	1.45	293.3354	10.949	1386441.753	1038593.837	0.408
	1762	208.0137	11.184	88.1626	1.70	ESTRUCTURA	1.45	292.9143	11.179	1386441.768	1038593.594	0.391
	1763	208.3637	11.001	87.4645	1.70	ESTRUCTURA	1.45	293.4976	10.993	1386441.798	1038593.809	0.480
	1764	209.5403	11.097	87.5206	1.70	ESTRUCTURA	1.45	294.7882	11.089	1386442.065	1038593.823	0.467
	1765	196.3633	35.164	89.1058	1.70	ESTRUCTURA	1.45	281.4965	35.160	1386444.423	1038569.435	0.555
	1766	197.0034	35.166	89.1332	1.70	ESTRUCTURA	1.45	281.8968	35.163	1386444.664	1038569.483	0.529
	1767	202.0437	19.307	90.2803	1.70	DES_DOMICI	1.45	286.9643	19.306	1386443.049	1038585.424	-0.104
	1768	194.4928	19.096	89.4824	1.70	DES_DOMICI	1.45	279.7118	19.096	1386440.637	1038585.068	0.118
	1769	184.3500	24.995	89.3729	1.70	BORDE_VIA	1.45	269.4707	24.994	1386437.185	1038578.897	0.218
	1770	194.1030	41.047	89.3422	1.70	POSTE	1.45	279.0623	41.046	1386443.880	1038563.357	0.360
	1771	185.4313	42.184	89.0803	1.70	POSTE	1.45	270.6076	42.179	1386437.863	1038561.714	0.691
	1772	198.4610	27.631	90.1446	1.70	DESC_CLAVE	1.45	283.6568	27.631	1386443.939	1038577.041	-0.065
	1773	198.4710	27.669	90.3152	1.70	DESC_BATEA	1.45	283.6734	27.668	1386443.956	1038577.007	-0.203
	1774	195.5047	27.359	89.4148	1.70	TUBO	1.45	280.7337	27.359	1386442.511	1038577.010	0.199
	1775	195.2012	25.595	89.4451	1.70	BORDE_VIA	1.45	280.2240	25.595	1386441.958	1038578.702	0.167
	1776	185.0740	42.723	89.0159	1.70	PARAMENTO	1.45	270.0151	42.717	1386437.427	1038561.173	0.775
	1777	195.4353	35.479	89.3553	1.70	PARAMENTO	1.45	280.6187	35.478	1386443.953	1038569.020	0.303
	1778	192.5926	68.360	89.2108	1.70	POSTE	1.45	277.8779	68.356	1386446.784	1038536.180	0.827
	1779	192.3914	75.265	89.3506	1.70	POSTE	1.45	277.5412	75.263	1386447.293	1038529.278	0.599
	1780	191.5833	75.135	89.2831	1.70	MANHOLE	1.45	276.8632	75.132	1386446.394	1038529.297	0.742
	1781	188.5822	77.785	89.3826	1.70	MANHOLE	1.45	273.8601	77.783	1386442.652	1038526.283	0.542
	1782	191.2845	75.450	89.3637	1.70	BORDE_VIA	1.45	276.3665	75.448	1386445.782	1038528.907	0.567
	1783	193.1546	74.706	89.2300	1.70	PARAMENTO	1.45	278.1501	74.702	1386448.006	1038529.943	0.858
	1784	209.5825	11.099	91.0207	1.70	BORDE_CANO	1.45	294.8609	11.097	1386442.081	1038593.822	-0.147
	1785	201.1521	21.475	90.4421	1.70	BORDE_CANO	1.45	286.1432	21.473	1386443.386	1038583.264	-0.223
	1786	201.3847	35.580	90.2221	1.70	BORDE_CANO	1.45	286.5337	35.579	1386447.541	1038569.782	-0.177
	1787	191.5218	72.783	89.3241	1.70	MANHOLE	1.45	276.7590	72.781	1386445.981	1038531.615	0.632
	1788	191.1140	72.431	89.3344	1.70	MANHOLE	1.45	276.0818	72.429	1386445.089	1038531.869	0.607
	1789	191.2715	71.537	89.3343	1.70	MANHOLE	1.45	276.3415	71.535	1386445.317	1038532.793	0.601
	1790	186.0613	52.932	88.5429	1.70	PARAMENTO	1.45	270.9909	52.922	1386438.331	1038550.976	1.063
E11049-E11048	E11048	0.0000	73.030	89.5703	1.70	ESTACION	1.46	272.8898	73.025	1386441.097	1038530.959	0.493
	E11050	238.4238	84.870	89.3455	1.70	DELTA	1.46	331.6004	84.868	1386515.751	1038490.594	0.868



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	1791	0.0000	53.431	90.0348	1.70	LINEAMIENTO	1.46	92.8898	53.431	1386438.403	1038584.322	0.189
	1792	0.0000	46.265	90.0143	1.70	LINEAMIENTO	1.46	92.8898	46.265	1386438.765	1038577.165	0.225
	1793	0.0000	40.325	89.5743	1.70	LINEAMIENTO	1.46	92.8898	40.325	1386439.064	1038571.232	0.275
	1794	0.0000	28.072	89.3704	1.70	LINEAMIENTO	1.46	92.8898	28.071	1386439.682	1038558.994	0.436
	1795	0.0000	14.112	89.1624	1.70	LINEAMIENTO	1.46	92.8898	14.111	1386440.386	1038545.051	0.428
	1796	0.0001	3.697	86.1138	1.70	LINEAMIENTO	1.46	92.8901	3.689	1386440.911	1038534.643	0.494
	1797	23.0338	8.757	86.4511	1.70	PARAMENTO	1.46	115.9504	8.743	1386437.271	1038538.820	0.745
	1798	36.0454	8.418	86.4509	1.70	PARAMENTO	1.46	128.9715	8.404	1386435.811	1038537.493	0.725
	1799	53.3100	20.897	88.4422	1.70	PARAMENTO	1.46	146.4065	20.892	1386423.694	1038542.518	0.708
	1800	159.3357	11.728	86.4317	1.70	PARAMENTO	1.46	252.4557	11.709	1386437.567	1038519.794	0.919
	1801	160.5220	27.549	88.4257	1.70	PARAMENTO	1.46	253.7620	27.542	1386433.395	1038504.515	0.866
	1802	176.2940	33.033	88.2401	1.70	PARAMENTO	1.46	269.3843	33.020	1386440.742	1038497.940	1.171
	1803	193.4641	14.449	86.2947	1.70	PARAMENTO	1.46	286.6679	14.422	1386445.234	1038517.142	1.132
	1804	209.2619	18.074	88.1203	1.70	PARAMENTO	1.46	302.3284	18.065	1386450.758	1038515.694	0.816
	1805	67.4031	20.604	89.2840	1.70	BORDE_VIA	1.46	160.5651	20.603	1386421.668	1038537.814	0.436
	1806	86.5030	21.843	89.2541	1.70	BORDE_VIA	1.46	179.7315	21.842	1386419.255	1038531.061	0.467
	1807	12.4955	8.315	88.2533	1.70	POSTE	1.46	105.7218	8.312	1386438.845	1038538.959	0.477
	1808	71.3740	3.470	86.2905	1.70	BORDE_VIA	1.46	164.5176	3.463	1386437.759	1038531.883	0.461
	1809	115.3410	16.281	85.0816	2.40	PARAMENTO	1.46	208.4593	16.222	1386426.835	1038523.228	0.929
	1810	108.4839	14.558	87.1506	1.70	POSTE	1.46	201.7007	14.541	1386427.586	1038525.582	0.947
	1811	255.1734	12.713	86.4214	1.70	PARAMENTO	1.46	348.1826	12.692	1386453.520	1038528.359	0.979
	1812	154.3533	8.892	88.4056	1.70	SUMIDERO	1.46	247.4823	8.890	1386437.693	1038522.747	0.453
	1813	159.5102	8.374	88.2631	1.70	SUMIDERO	1.46	252.7404	8.371	1386438.613	1038522.965	0.476
	1814	196.4701	11.181	88.2630	1.70	SUMIDERO	1.46	289.6734	11.177	1386444.860	1038520.434	0.553
	1815	197.3529	12.123	88.2629	1.70	SUMIDERO	1.46	290.4812	12.119	1386445.337	1038519.606	0.578
	1816	195.2235	10.660	88.0315	1.70	BORDE_VIA	1.46	288.2662	10.654	1386444.436	1038520.842	0.611
	1817	170.5921	8.360	88.0316	1.70	BORDE_VIA	1.46	263.8790	8.355	1386440.206	1038522.651	0.532
	1818	167.5453	16.379	88.2241	1.70	BORDE_VIA	1.46	260.8045	16.372	1386438.481	1038514.796	0.712
	1819	181.3834	17.192	88.4533	1.70	BORDE_VIA	1.46	274.5326	17.188	1386442.455	1038513.824	0.621
	1820	240.3640	12.869	87.1820	1.70	BORDE_VIA	1.46	333.5009	12.855	1386452.601	1038525.223	0.854
	1821	215.3910	14.648	87.4652	1.70	BORDE_VIA	1.46	308.5426	14.637	1386450.217	1038519.510	0.816
	1822	244.1623	12.857	87.3056	1.70	BORDE_VIA	1.46	337.1629	12.845	1386452.935	1038525.973	0.806
	1823	212.5356	15.157	87.5133	1.70	BORDE_VIA	1.46	305.7887	15.146	1386449.955	1038518.672	0.815
	1824	243.5329	14.478	85.3755	1.70	PUENTE	1.46	336.7812	14.436	1386454.364	1038525.267	1.351
	1825	241.0024	14.463	85.3755	1.70	PUENTE	1.46	333.8965	14.421	1386454.047	1038524.613	1.350
	1826	216.5141	16.645	86.1523	1.70	PUENTE	1.46	309.7512	16.609	1386451.718	1038518.189	1.335



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1827	219.1010	16.371	86.0938	1.70	PUENTE	1.46	312.0593	16.334	1386452.039	1038518.831	1.345
	1828	240.4023	16.365	86.4210	1.70	PUENTE	1.46	333.5629	16.338	1386455.726	1038523.685	1.190
	1829	219.3557	16.381	87.0851	1.70	PUENTE	1.46	312.4890	16.361	1386452.148	1038518.894	1.064
	1830	244.1815	18.999	86.3408	1.70	PUENTE	1.46	337.1940	18.965	1386458.579	1038523.607	1.386
	1831	242.0332	19.011	86.3644	1.70	PUENTE	1.46	334.9487	18.978	1386458.290	1038522.923	1.372
	1832	241.5436	19.007	87.2752	1.70	PUENTE	1.46	334.7998	18.988	1386458.278	1038522.874	1.089
	1833	222.5408	20.948	87.0857	1.70	PUENTE	1.46	315.7920	20.922	1386456.094	1038516.370	1.290
	1834	225.0001	20.651	87.0732	1.70	PUENTE	1.46	317.8901	20.625	1386456.398	1038517.128	1.284
	1835	225.1606	20.694	87.5358	1.70	PUENTE	1.46	318.1582	20.680	1386456.503	1038517.163	1.007
	1836	242.3445	21.833	88.4730	1.70	PUENTE	1.46	335.4690	21.828	1386460.955	1038521.896	0.709
	1837	245.1533	21.969	85.4336	2.90	PUENTE	1.46	338.1490	21.908	1386461.431	1038522.805	0.686
	1838	223.5712	21.694	87.5354	1.70	PUENTE	1.46	316.8432	21.679	1386456.912	1038516.130	1.044
	1839	245.1412	18.873	87.5357	2.90	BORDE_CANO	1.46	338.1265	18.860	1386458.600	1038523.932	-0.260
	1840	245.2215	14.045	86.4745	2.90	BORDE_CANO	1.46	338.2607	14.023	1386454.123	1038525.765	-0.166
	1841	253.0411	13.112	86.2049	2.90	BORDE_CANO	1.46	345.9595	13.085	1386453.791	1038527.784	-0.116
	1842	211.0431	17.954	88.1538	2.90	DESC_BATEA	1.46	303.9651	17.946	1386451.123	1038516.075	-0.406
	1843	210.2001	17.613	86.2813	2.90	DESC_CLAVE	1.46	303.2234	17.580	1386450.729	1038516.252	0.133
	1844	208.5101	17.176	87.4708	1.50	TUBO	1.46	301.7401	17.163	1386450.126	1038516.362	1.112
	1845	213.2326	16.744	87.3357	2.90	BORDE_CANO	1.46	306.2804	16.729	1386450.996	1038517.473	-0.240
E11050-E11049	E11049	0.0000	84.864	90.0619	1.70	ESTACION	1.47	331.6004	84.868	1386515.751	1038490.594	0.868
	E11051	188.4944	58.260	89.4929	1.70	DELTA	1.47	340.4293	58.260	1386570.645	1038471.079	0.818
	1846	356.0116	51.399	90.0721	1.70	BORDE_VIA	1.47	147.6215	51.399	1386472.343	1038518.118	0.530
	1847	351.2104	52.546	90.2217	1.70	BORDE_VIA	1.47	142.9515	52.545	1386473.814	1038522.252	0.299
	1848	349.0542	44.844	90.1207	1.70	BORDE_VIA	1.47	140.6954	44.844	1386481.051	1038519.000	0.482
	1849	353.3245	41.857	90.0036	1.70	BORDE_VIA	1.47	145.1462	41.857	1386481.403	1038514.514	0.632
	1850	5.0717	39.393	90.0726	1.70	BORDE_VIA	1.47	156.7218	39.393	1386479.565	1038506.162	0.555
	1851	348.1711	39.423	89.4809	1.70	PARAMENTO	1.47	139.8868	39.423	1386485.602	1038515.994	0.776
	1852	348.4030	33.873	89.4709	1.70	POSTE	1.47	140.2754	33.873	1386489.699	1038512.242	0.766
	1853	6.5910	30.852	90.0550	1.70	POSTE	1.47	158.5865	30.852	1386487.029	1038501.858	0.587
	1854	103.5517	4.744	83.3050	1.70	POSTE	1.47	255.5218	4.714	1386514.573	1038486.030	1.176
E11051-E11050	E11050	0.0000	58.254	89.4318	1.70	ESTACION	1.46	340.4293	58.260	1386570.645	1038471.079	0.818
	E11052	276.5805	98.041	89.4329	1.70	DELTA	1.46	77.3973	98.040	1386592.036	1038566.756	1.048
	1855	2.3718	8.990	88.4950	1.70	BORDE_VIA	1.46	163.0509	8.988	1386562.047	1038473.699	0.760
	1856	48.4823	13.060	89.5532	1.70	BORDE_VIA	1.46	209.2357	13.060	1386559.249	1038464.700	0.594
	1857	98.4857	8.705	89.2103	1.70	BORDE_VIA	1.46	259.2451	8.704	1386569.021	1038462.527	0.676
	1858	192.1644	0.852	74.2645	1.70	BORDE_VIA	1.46	352.7082	0.821	1386571.459	1038470.974	0.805



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1859	220.2908	4.655	86.2346	1.70	BORDE_VIA	1.46	20.9148	4.646	1386574.985	1038472.737	0.870
	1860	196.5954	9.576	88.3909	1.70	BORDE_VIA	1.46	357.4276	9.573	1386580.209	1038470.649	0.802
	1861	229.1250	13.235	89.0455	1.70	BORDE_VIA	1.46	29.6432	13.233	1386582.146	1038477.624	0.789
	1862	248.2847	11.075	88.4234	1.70	BORDE_VIA	1.46	48.9090	11.072	1386577.922	1038479.423	0.826
	1863	264.0235	12.398	88.4058	1.70	BORDE_VIA	1.46	64.4723	12.395	1386575.987	1038482.263	0.862
	1864	269.1703	14.992	89.0625	1.70	BORDE_VIA	1.46	69.7134	14.990	1386575.842	1038485.139	0.811
	1865	270.5217	22.477	89.1824	1.70	BORDE_VIA	1.46	71.3007	22.475	1386577.851	1038492.368	0.849
	1866	293.3200	24.875	88.5540	1.70	BORDE_VIA	1.46	93.9626	24.871	1386568.926	1038495.890	1.042
	1867	315.1152	13.848	88.2344	1.70	BORDE_VIA	1.46	115.6270	13.843	1386564.658	1038483.559	0.965
	1868	321.1317	20.044	88.4327	1.70	PARAMENTO	1.46	121.6507	20.039	1386560.130	1038488.137	1.023
	1869	304.3144	7.374	87.1431	1.70	MANHOLE	1.46	104.9582	7.365	1386568.744	1038478.194	0.932
	1870	165.2933	3.140	89.3300	1.70	PARAMENTO	1.46	325.9218	3.140	1386573.246	1038469.319	0.602
	1871	190.4513	4.830	89.3907	1.70	PARAMENTO	1.46	351.1829	4.830	1386575.418	1038470.338	0.606
E11052-E11051	E11051	0.0000	98.044	90.0147	1.70	ESTACION	1.48	77.3973	98.040	1386592.036	1038566.756	1.048
	E11053	170.0810	106.879	90.0420	1.70	DELTA	1.48	67.5334	106.879	1386632.879	1038665.523	0.691
	1872	136.5602	16.122	89.2409	1.70	PARAMENTO	1.48	34.3312	16.121	1386605.349	1038575.848	0.994
	1873	132.1339	14.814	89.2035	1.70	PARAMENTO	1.48	29.6248	14.813	1386604.913	1038574.079	0.996
	1874	64.5002	11.077	87.2455	1.70	PARAMENTO	1.48	322.2312	11.066	1386600.784	1038559.979	1.326
	1875	70.5057	10.973	87.2453	1.70	PARAMENTO	1.48	328.2465	10.962	1386601.357	1038560.987	1.321
	1876	72.2625	11.205	87.2922	1.70	PARAMENTO	1.48	329.8376	11.194	1386601.715	1038561.132	1.317
	1877	108.3829	28.172	89.3704	1.70	PARAMENTO	1.48	6.0387	28.171	1386620.051	1038569.720	1.014
	1878	75.0759	12.146	87.4116	1.70	PARAMENTO	1.48	332.5304	12.136	1386602.804	1038561.158	1.316
	1879	78.2121	17.387	88.2411	1.70	PARAMENTO	1.48	335.7532	17.380	1386607.883	1038559.619	1.311
	1880	157.4656	32.162	89.3535	1.70	PARAMENTO	1.48	55.1795	32.161	1386610.400	1038593.159	1.054
	1881	161.0433	29.391	89.5908	1.70	BORDE_VIA	1.48	58.4732	29.391	1386607.405	1038591.809	0.833
	1882	85.3006	19.499	89.1302	1.70	BORDE_VIA	1.48	342.8990	19.497	1386610.671	1038561.023	1.092
	1883	175.4839	28.465	89.5154	1.70	BORDE_VIA	1.48	73.2082	28.465	1386600.260	1038594.008	0.893
	1884	84.5416	10.199	88.4419	1.70	BORDE_VIA	1.48	342.3018	10.197	1386601.750	1038563.657	1.051
	1885	65.3634	7.507	88.1437	1.70	BORDE_VIA	1.48	323.0068	7.503	1386598.029	1038562.241	1.056
	1886	356.1954	4.592	86.5446	1.70	BORDE_VIA	1.48	253.7290	4.585	1386590.752	1038562.355	1.073
	1887	257.1757	3.912	86.4807	1.70	BORDE_VIA	1.48	154.6965	3.906	1386588.505	1038568.426	1.044
	1888	211.0913	8.581	88.4231	1.70	BORDE_VIA	1.48	108.5509	8.579	1386589.307	1038574.889	1.019
	1889	184.3214	9.448	88.5148	1.70	BORDE_VIA	1.48	81.9345	9.446	1386593.362	1038576.109	1.013
	1890	179.2132	33.142	89.3452	1.70	PARAMENTO	1.48	76.7562	33.141	1386599.629	1038599.016	1.068
	1891	206.3735	10.956	88.2949	1.70	PARAMENTO	1.48	104.0237	10.952	1386589.382	1038577.382	1.113
	1892	178.2613	42.996	89.2445	1.70	PARAMENTO	1.48	75.8343	42.994	1386602.558	1038608.443	1.267



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1893	231.1850	16.719	88.5152	1.70	PARAMENTO	1.48	128.7112	16.716	1386581.582	1038579.800	1.157
	1894	269.3909	10.326	88.3012	1.70	PARAMENTO	1.48	167.0498	10.322	1386581.976	1038569.070	1.096
	1895	277.2958	2.816	86.0834	1.70	PARAMENTO	1.48	174.8968	2.810	1386589.238	1038567.006	1.015
	1896	329.5101	6.647	87.5349	1.70	PARAMENTO	1.48	227.2476	6.643	1386587.527	1038561.879	1.070
	1897	144.3322	14.235	89.4832	1.70	BORDE_VIA	1.48	41.9534	14.235	1386602.623	1038576.273	0.874
	1898	137.3759	12.484	89.0615	1.70	BORDE_VIA	1.48	35.0304	12.482	1386602.257	1038573.921	1.021
	1899	131.1200	12.448	88.5340	1.70	BORDE_VIA	1.48	28.5973	12.446	1386602.964	1038572.713	1.066
	1900	118.1857	16.417	89.0840	1.70	BORDE_VIA	1.48	15.7132	16.415	1386607.838	1038571.202	1.071
	1901	144.2207	3.892	86.3551	1.70	MANHOLE	1.48	41.7659	3.885	1386594.934	1038569.344	1.057
	1902	199.0408	36.099	89.4017	1.50	PARAMENTO	1.48	96.4662	36.098	1386587.971	1038602.625	1.233
	1903	306.1507	1.903	83.2641	1.70	POSTE	1.48	203.6493	1.891	1386590.304	1038565.998	1.043
E11053-E11052	E11052	0.0001	106.875	89.4033	1.70	ESTACION	1.47	67.5334	106.879	1386632.879	1038665.523	0.691
	E11054	188.5316	69.933	89.3440	1.70	DELTA	1.47	76.4212	69.931	1386649.298	1038733.500	0.977
	1905	60.2329	14.234	88.3811	1.70	BORDE_VIA	1.47	307.9248	14.230	1386641.626	1038654.299	0.800
	1906	85.1729	10.043	88.0759	1.70	BORDE_VIA	1.47	332.8248	10.038	1386641.809	1038660.939	0.789
	1907	40.2354	10.979	88.4233	1.70	BORDE_VIA	1.47	287.9318	10.976	1386636.259	1038655.080	0.709
	1908	67.1944	4.577	86.4239	1.70	BORDE_VIA	1.47	314.8623	4.569	1386636.103	1038662.285	0.724
	1909	12.0211	12.288	89.0302	1.70	BORDE_VIA	1.47	259.5698	12.286	1386630.655	1038653.440	0.665
	1910	71.0433	2.207	84.1902	1.70	BORDE_VIA	1.47	318.6093	2.196	1386634.527	1038664.071	0.680
	1911	3.5435	16.310	89.1722	1.70	BORDE_VIA	1.47	251.4432	16.309	1386627.689	1038650.063	0.664
	1912	118.5442	1.160	79.3150	1.70	BORDE_VIA	1.47	6.4451	1.141	1386634.013	1038665.651	0.672
	1913	180.3126	2.955	85.2342	1.70	BORDE_VIA	1.47	68.0573	2.945	1386633.980	1038668.256	0.699
	1914	320.5057	12.889	89.2326	1.70	BORDE_VIA	1.47	208.3826	12.888	1386621.540	1038659.397	0.598
	1915	309.4254	16.454	89.1110	1.70	BORDE_VIA	1.47	197.2484	16.452	1386617.167	1038660.645	0.695
	1916	296.0208	15.424	89.1352	1.70	BORDE_VIA	1.47	183.5690	15.423	1386617.487	1038664.563	0.668
	1917	187.3224	6.793	87.5040	1.70	BORDE_VIA	1.47	75.0734	6.788	1386634.628	1038672.083	0.717
	1918	302.4636	10.688	88.5522	1.70	BORDE_VIA	1.47	190.3101	10.686	1386622.366	1038663.611	0.662
	1919	229.3627	9.758	88.3359	1.70	BORDE_VIA	1.47	117.1409	9.755	1386628.429	1038674.204	0.705
	1920	296.4106	7.754	88.2259	1.70	BORDE_VIA	1.47	184.2184	7.751	1386625.149	1038664.953	0.680
	1921	305.2001	10.599	89.0213	1.70	SUMIDERO	1.47	192.8670	10.598	1386622.548	1038663.163	0.639
	1922	303.1206	9.645	88.5047	1.70	SUMIDERO	1.47	190.7351	9.643	1386623.405	1038663.727	0.656
	1923	316.5159	12.209	89.3851	1.70	SUMIDERO	1.47	204.3998	12.209	1386621.761	1038660.480	0.536
	1924	316.2534	11.414	89.3851	1.70	SUMIDERO	1.47	203.9595	11.414	1386622.449	1038660.888	0.532
	1925	334.4049	10.600	89.0845	1.70	MANHOLE	1.47	222.2137	10.599	1386625.029	1038658.402	0.619
	1926	1.2335	14.065	89.0229	1.70	MANHOLE	1.47	248.9265	14.063	1386627.823	1038652.401	0.697
	1927	23.4349	13.918	87.4255	1.70	PARAMENTO	1.47	271.2637	13.907	1386633.186	1038651.620	1.016



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1928	55.0654	18.772	88.2116	1.70	PARAMENTO	1.47	302.6484	18.764	1386643.002	1038649.724	1.000
	1929	322.1248	15.863	88.1418	1.70	PARAMENTO	1.47	209.7468	15.856	1386619.113	1038657.656	0.949
	1930	332.1954	19.809	88.3018	1.70	PARAMENTO	1.47	219.8651	19.802	1386617.680	1038652.831	0.978
	1931	87.3251	5.983	83.0207	1.70	PARAMENTO	1.47	335.0809	5.939	1386638.265	1038663.021	1.187
	1932	98.2231	4.254	80.0019	1.70	PARAMENTO	1.47	345.9087	4.189	1386636.943	1038664.503	1.200
	1933	129.4822	4.229	80.0703	1.70	PARAMENTO	1.47	17.3395	4.166	1386636.856	1038666.765	1.187
	1934	306.1915	21.324	88.4759	1.70	PARAMENTO	1.47	193.8543	21.319	1386612.180	1038660.418	0.908
	1935	237.2532	13.154	87.2342	1.70	PARAMENTO	1.47	124.9590	13.140	1386625.350	1038676.293	1.059
	1936	294.5702	12.287	88.0608	1.70	PARAMENTO	1.47	182.4840	12.280	1386620.611	1038664.991	0.868
	1937	288.2007	10.466	87.4208	1.70	PARAMENTO	1.47	175.8687	10.458	1386622.449	1038666.277	0.881
	1938	301.2732	2.523	84.2653	1.70	CAMA_TELEF	1.47	188.9923	2.511	1386630.399	1038665.131	0.705
E11054-E11053	E11053	0.0000	69.931	90.0318	1.70	ESTACION	1.47	76.4212	69.931	1386649.298	1038733.500	0.977
	E11055	135.2429	75.853	89.3559	1.70	DELTA	1.47	31.8293	75.851	1386713.743	1038773.503	1.280
	1939	125.3441	32.864	89.3352	1.70	BORDE_VIA	1.47	21.9993	32.863	1386679.768	1038745.810	1.000
	1940	135.0915	30.972	89.3353	1.70	BORDE_VIA	1.47	31.5754	30.971	1386675.684	1038749.717	0.985
	1941	131.2432	19.313	89.2514	1.70	BORDE_VIA	1.47	27.8301	19.312	1386666.376	1038742.516	0.945
	1942	130.5106	18.354	89.0354	1.70	SUMIDERO	1.47	27.2729	18.352	1386665.609	1038741.909	1.049
	1943	129.3932	17.873	89.1218	1.70	SUMIDERO	1.47	26.0801	17.871	1386665.350	1038741.357	0.998
	1944	116.5806	23.697	89.1218	1.70	SUMIDERO	1.47	13.3895	23.695	1386672.349	1038738.987	1.078
	1945	115.3541	23.290	89.1719	1.70	SUMIDERO	1.47	12.0159	23.288	1386672.076	1038738.348	1.039
	1946	117.5738	24.450	89.2006	1.70	BORDE_VIA	1.47	14.3818	24.448	1386672.980	1038739.572	1.033
	1947	101.4554	17.157	88.5833	1.70	BORDE_VIA	1.47	358.1862	17.154	1386666.444	1038732.957	1.056
	1948	114.4127	22.959	89.1639	1.70	BORDE_VIA	1.47	11.1120	22.957	1386671.825	1038737.924	1.039
	1949	110.1009	12.145	88.4027	1.70	BORDE_VIA	1.47	6.5904	12.142	1386661.360	1038734.893	1.031
	1950	124.5654	8.346	88.0908	1.70	BORDE_VIA	1.47	21.3695	8.342	1386657.066	1038736.539	1.019
	1951	84.4404	6.304	87.4141	1.70	BORDE_VIA	1.47	341.1557	6.299	1386655.259	1038731.465	1.003
	1952	94.2630	10.278	85.4923	1.70	PARAMENTO	1.47	350.8629	10.251	1386659.419	1038731.872	1.498
	1953	350.4435	1.961	84.3428	1.70	BORDE_VIA	1.47	247.1643	1.952	1386648.540	1038731.701	0.935
	1954	114.4508	17.151	89.0855	1.70	MANHOLE	1.47	11.1734	17.149	1386666.122	1038736.823	1.005
	1955	155.4655	9.509	88.2149	1.70	MANHOLE	1.47	52.2032	9.505	1386655.123	1038741.011	1.021
	1956	208.1841	4.247	83.5320	1.70	PARAMENTO	1.47	104.7326	4.223	1386648.224	1038737.584	1.202
	1957	138.0403	18.729	87.1727	1.70	PARAMENTO	1.47	34.4887	18.708	1386664.718	1038744.093	1.635
	1958	193.2348	3.844	83.3846	1.70	POSTE	1.47	89.8179	3.820	1386649.310	1038737.320	1.175
	1959	233.2305	1.828	76.0918	1.70	POSTE	1.47	129.8059	1.775	1386648.162	1038734.863	1.187
	1960	167.3444	20.252	87.3238	1.70	PARAMENTO	1.47	64.0001	20.233	1386658.168	1038751.685	1.618
	1961	177.2036	5.155	86.5250	1.70	BORDE_VIA	1.47	73.7645	5.147	1386650.737	1038738.442	1.030



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	1962	206.4100	6.398	87.3447	1.70	BORDE_VIA	1.47	103.1045	6.392	1386647.849	1038739.726	1.020
	1963	176.0402	12.272	88.4809	1.70	BORDE_VIA	1.47	72.4884	12.269	1386652.990	1038745.201	1.006
E11055-E11054	E11054	0.0000	75.851	90.0313	1.70	ESTACION	1.46	31.8293	75.851	1386713.743	1038773.503	1.280
	E11056	189.5300	84.265	89.3325	1.70	DELTA	1.46	41.7126	84.262	1386776.644	1038829.571	1.689
	1964	13.0545	8.313	88.0505	1.70	POSTE	1.46	224.9251	8.308	1386707.860	1038767.636	1.315
	1965	203.2500	16.029	88.4617	1.70	MANHOLE	1.46	55.2459	16.025	1386722.878	1038786.669	1.381
E11056-E11055	E11055	0.0001	84.263	90.0546	1.70	ESTACION	1.44	41.7126	84.262	1386776.644	1038829.571	1.689
	E11057	148.4150	21.772	89.2407	1.70	DELTA	1.44	10.4098	21.771	1386798.057	1038833.504	1.655
E11057-E11056	E11056	0.0000	21.774	89.2731	1.70	ESTACION	1.53	10.4098	21.771	1386798.057	1038833.504	1.655
	E11058	241.0401	76.347	89.3527	1.70	DELTA	1.53	71.4768	76.345	1386822.311	1038905.894	2.027
E11058-E11057	E11057	0.0001	76.347	90.0816	1.70	ESTACION	1.50	71.4768	76.345	1386822.311	1038905.894	2.027
	E11059	115.2226	35.050	89.3159	1.70	DELTA	1.50	6.8507	35.049	1386857.109	1038910.075	2.114
E11059-E11058	E11058	0.0000	35.053	89.4711	1.70	ESTACION	1.47	6.8507	35.049	1386857.109	1038910.075	2.114
	E11019	210.2609	73.139	89.5231	1.70	DELTA	1.47	37.2865	73.139	1386915.300	1038954.383	2.046
E11019-E11059	E11059	0.0000	73.139	89.4533	1.70	ESTACION	1.46	37.2865	73.139	1386915.300	1038954.383	2.046
	E11034	357.0054	73.294	89.4547	1.70	DELTA	1.46	214.3015	73.293	1386854.753	1038913.078	2.108
E11060		0.0000				ESTACION		0.0000		1386880.969	1039793.289	5.000
E11061	E11060	0.0000	17.295	86.1440	1.70	ESTACION	1.41	238.2587		1386871.871	1039778.581	4.300
	E11062	128.1607	162.536	90.0654	1.70	DELTA	1.41	186.5273	162.536	1386710.389	1039760.105	3.687
	1	0.0000	12.949	85.5834	1.70	LINEAMIENTO	1.41	58.2587	12.917	1386878.667	1039789.566	4.922
	2	0.0000	6.950	85.2359	1.70	LINEAMIENTO	1.41	58.2587	6.928	1386875.516	1039784.473	4.570
	3	0.0000	6.615	85.5915	1.70	LINEAMIENTO	1.41	58.2587	6.599	1386875.343	1039784.193	4.476
	4	0.0001	2.902	84.5421	1.70	LINEAMIENTO	1.41	58.2590	2.891	1386873.392	1039781.039	4.271
	5	36.3439	32.067	87.3149	1.70	SEMAFORO	1.41	94.8362	32.037	1386869.170	1039810.504	5.395
	6	35.3327	32.696	87.2423	1.70	BORDE_VIA	1.41	93.8162	32.663	1386869.697	1039811.171	5.493
	7	22.1518	25.611	86.4335	1.70	BORDE_VIA	1.41	80.5137	25.569	1386876.085	1039803.801	5.475
	8	16.1406	22.123	86.4335	1.70	BORDE_VIA	1.41	74.4937	22.087	1386877.776	1039799.864	5.276
	9	10.0725	18.323	86.3438	1.70	BORDE_VIA	1.41	68.3823	18.290	1386878.609	1039795.585	5.107
	10	331.5729	3.096	80.5142	1.70	BORDE_VIA	1.41	30.2168	3.057	1386874.512	1039780.120	4.505
	11	331.4658	21.191	86.0402	1.70	BORDE_VIA	1.41	30.0415	21.141	1386890.172	1039789.165	5.466
	12	338.4732	17.587	86.4443	1.70	BORDE_VIA	1.41	37.0510	17.559	1386885.885	1039789.161	5.012
	13	337.1134	13.169	86.3210	1.70	BORDE_VIA	1.41	35.4515	13.145	1386882.579	1039786.205	4.809
	14	231.3815	17.092	89.1927	1.70	BORDE_VIA	1.41	289.8962	17.091	1386877.687	1039762.511	4.215
	15	44.1315	34.648	88.2750	1.70	POSTE	1.41	102.4796	34.636	1386864.387	1039812.398	4.942
	16	18.3628	20.334	87.4626	1.70	POSTE	1.41	76.8665	20.319	1386876.488	1039798.368	4.803
	17	279.0210	12.640	88.2635	1.70	MANHOLE	1.41	337.2948	12.635	1386883.527	1039773.704	4.356



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	18	260.0630	11.284	87.4555	1.70	POSTE	1.41	318.3671	11.275	1386880.299	1039771.090	4.453
	19	26.0835	37.683	88.0759	1.70	SEMAFORO	1.41	84.4018	37.663	1386875.545	1039816.065	5.241
	20	8.0312	9.884	85.2904	1.70	SEMAFORO	1.41	66.3121	9.853	1386875.830	1039787.604	4.791
	21	335.1431	16.999	86.4457	1.70	POSTE	1.41	33.5007	16.972	1386886.023	1039787.949	4.977
	22	26.5205	37.219	88.0243	1.70	BORDE_VIA	1.41	85.1268	37.197	1386875.031	1039815.644	5.283
	23	333.5144	28.642	87.3209	1.70	BORDE_VIA	1.41	32.1210	28.616	1386896.106	1039793.796	5.244
	24	272.2545	11.414	91.2519	1.70	LINDERO	1.41	330.6879	11.410	1386881.821	1039772.995	3.730
	25	328.4541	16.414	89.5338	1.70	LINDERO	1.41	27.0201	16.414	1386886.493	1039786.038	4.043
	26	227.1740	2.969	82.2327	1.70	MANHOLE	1.41	285.5532	2.943	1386872.660	1039775.746	4.406
	27	194.4834	43.894	89.2925	1.70	PARAMENTO	1.41	253.0682	43.892	1386859.088	1039736.592	4.403
	28	164.3713	22.797	89.0848	1.70	PARAMENTO	1.41	222.8790	22.794	1386855.167	1039763.071	4.353
	29	189.1443	26.468	89.1521	1.70	PARAMENTO	1.41	247.5040	26.466	1386861.745	1039754.129	4.357
	30	149.0754	30.299	89.3322	1.70	PARAMENTO	1.41	207.3904	30.298	1386844.970	1039764.643	4.248
	31	193.4932	26.965	88.0803	1.70	POSTE	1.41	252.0843	26.951	1386863.581	1039752.937	4.891
	32	138.3543	61.357	90.1127	1.70	PARAMENTO	1.41	196.8540	61.357	1386813.150	1039760.792	3.809
	33	143.4751	31.891	89.3241	1.70	MATERA	1.41	202.0562	31.890	1386842.315	1039766.606	4.266
	34	146.1333	32.191	89.3343	1.70	MATERA	1.41	204.4846	32.190	1386842.576	1039765.240	4.259
	35	147.3927	29.862	89.2809	1.70	MATERA	1.41	205.9162	29.861	1386845.013	1039765.530	4.290
	36	149.1037	28.767	89.2637	1.70	MATERA	1.41	207.4357	28.766	1386846.341	1039765.327	4.292
	37	149.5414	28.989	89.2805	1.70	MATERA	1.41	208.1626	28.988	1386846.315	1039764.900	4.282
	38	151.3007	27.972	89.2245	1.70	MATERA	1.41	209.7607	27.970	1386847.590	1039764.697	4.316
	39	150.5413	27.653	89.1947	1.70	MATERA	1.41	209.1623	27.651	1386847.725	1039765.107	4.336
	40	163.0638	22.082	89.0507	1.70	MATERA	1.41	221.3693	22.079	1386855.301	1039763.989	4.366
	41	154.4230	19.011	88.5235	1.70	MATERA	1.41	212.9671	19.007	1386855.924	1039768.238	4.386
	42	195.4238	41.151	89.3047	1.70	MATERA	1.41	253.9693	41.150	1386860.508	1039739.032	4.363
	43	199.5307	40.849	89.3337	1.70	MATERA	1.41	258.1440	40.848	1386863.479	1039738.605	4.326
	44	198.0109	25.838	89.1415	1.70	MATERA	1.41	256.2779	25.836	1386865.743	1039753.483	4.357
	45	191.0612	26.291	89.1216	1.70	MATERA	1.41	249.3621	26.288	1386862.605	1039753.980	4.378
	46	199.5836	41.788	89.3434	1.70	MATERA	1.41	258.2354	41.787	1386863.351	1039737.672	4.322
	47	195.4221	42.013	89.3214	1.70	MATERA	1.41	253.9646	42.012	1386860.266	1039738.204	4.352
	48	200.4057	56.096	89.4235	1.70	MATERA	1.41	258.9412	56.095	1386861.111	1039723.528	4.297
	49	197.3149	56.282	89.3449	1.70	MATERA	1.41	255.7890	56.280	1386858.055	1039724.023	4.425
	50	196.4343	58.072	89.5243	1.70	PARAMENTO	1.41	254.9873	58.072	1386856.829	1039722.491	4.136
	51	203.5000	54.584	89.5748	1.70	BORDE_VIA	1.41	262.0921	54.584	1386864.361	1039724.516	4.048
	52	202.2955	59.977	89.5421	1.70	CORDON	1.41	260.7573	59.977	1386862.238	1039719.383	4.112
	53	203.1205	59.277	89.5250	1.70	CORDON	1.41	261.4601	59.277	1386863.069	1039719.962	4.137



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	54	206.2455	12.393	88.4443	1.70	CORDON	1.41	264.6740	12.390	1386870.721	1039766.245	4.284
	55	202.2840	9.898	88.0633	1.70	CORDON	1.41	260.7365	9.893	1386870.279	1039768.818	4.340
	56	185.0338	8.536	88.1605	1.70	CORDON	1.41	243.3193	8.532	1386868.040	1039770.958	4.271
	57	168.4112	10.191	88.5756	1.70	CORDON	1.41	226.9454	10.189	1386864.915	1039771.136	4.197
	58	139.1551	35.932	89.4058	1.70	CORDON	1.41	197.5229	35.931	1386837.607	1039767.763	4.212
	59	139.2855	37.087	89.4058	1.70	CORDON	1.41	197.7407	37.086	1386836.548	1039767.281	4.218
	60	140.2649	37.897	89.4058	1.70	CORDON	1.41	198.7057	37.896	1386835.976	1039766.428	4.223
	61	144.3405	38.798	89.4058	1.70	PARAMENTO	1.41	202.8268	38.797	1386836.112	1039763.530	4.228
	62	143.2233	41.721	89.3523	1.70	PARAMENTO	1.41	201.6346	41.720	1386833.090	1039763.200	4.312
	63	139.5441	41.273	89.4104	1.70	CORDON	1.41	198.1701	41.272	1386832.657	1039765.711	4.240
	64	138.3622	41.604	89.4401	1.70	CORDON	1.41	196.8648	41.604	1386832.057	1039766.511	4.206
	65	138.0237	41.970	89.4402	1.70	CORDON	1.41	196.3023	41.970	1386831.589	1039766.800	4.208
	66	137.4201	42.435	89.4618	1.70	CORDON	1.41	195.9590	42.435	1386831.072	1039766.914	4.182
	67	137.3227	43.004	89.4618	1.70	CORDON	1.41	195.7996	43.004	1386830.492	1039766.872	4.184
	68	134.5239	60.829	90.1252	1.70	CORDON	1.41	193.1362	60.829	1386812.634	1039764.757	3.785
	69	132.0446	59.672	90.2838	1.70	BORDE_VIA	1.41	190.3382	59.670	1386813.170	1039767.873	3.516
	70	128.1505	59.443	90.2423	1.70	BORDE_VIA	1.41	186.5101	59.442	1386812.813	1039771.842	3.591
	71	215.5421	8.947	88.0409	1.70	BORDE_VIA	1.41	274.1646	8.942	1386872.520	1039769.663	4.314
	72	79.4103	10.600	91.0705	1.70	LINDERO	1.41	137.9429	10.598	1386864.002	1039785.680	3.806
	73	63.0150	23.881	91.5000	1.70	LINDERO	1.41	121.2893	23.869	1386859.475	1039798.978	3.249
E11062-E11061	E11061	0.0000	162.528	89.4148	1.70	ESTACION	1.44	186.5273	162.536	1386710.389	1039760.105	3.687
	E11063	181.0513	74.593	89.5927	1.70	DELTA	1.44	187.6143	74.593	1386636.454	1039750.221	3.439
	74	0.0000	137.571	89.4526	1.70	LINEAMIENTO	1.44	6.5273	137.570	1386847.067	1039775.743	4.010
	75	0.0000	110.256	89.5342	1.70	LINEAMIENTO	1.44	6.5273	110.256	1386819.930	1039772.638	3.629
	76	0.0000	67.708	89.5502	1.70	LINEAMIENTO	1.44	6.5273	67.708	1386777.658	1039767.801	3.525
	77	0.0000	29.950	89.2546	1.70	LINEAMIENTO	1.44	6.5273	29.949	1386740.143	1039763.509	3.725
	78	0.0000	8.159	88.2211	1.70	LINEAMIENTO	1.44	6.5273	8.156	1386718.492	1039761.032	3.659
	79	73.2552	6.747	89.1020	1.70	ARBOL	1.44	79.9585	6.746	1386711.565	1039766.748	3.524
	80	71.3113	6.288	88.3118	1.70	LINDERO	1.44	78.0476	6.286	1386711.691	1039766.254	3.589
	81	26.4437	13.371	89.0232	1.70	LINDERO	1.44	33.2710	13.369	1386721.567	1039767.439	3.650
	82	4.5634	12.161	89.0536	1.70	BORDE_VIA	1.44	11.4701	12.159	1386722.306	1039762.523	3.619
	83	350.2731	11.952	89.0535	1.70	BORDE_VIA	1.44	356.9860	11.951	1386722.323	1039759.476	3.616
	84	296.0014	14.333	91.5759	1.70	MURO	1.44	302.5312	14.325	1386718.092	1039748.028	2.935
	85	184.3722	28.377	89.4445	1.70	BORDE_VIA	1.44	191.1501	28.377	1386682.548	1039754.617	3.553
	86	178.3613	28.114	89.3450	1.70	BORDE_VIA	1.44	185.1310	28.113	1386682.388	1039757.590	3.633
E11063-E11062	E11062	0.0000	74.584	89.3710	1.70	ESTACION	1.45	187.6143	74.593	1386636.454	1039750.221	3.439



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	E11064	180.2824	84.128	89.5049	1.70	DELTA	1.45	188.0876	84.128	1386553.163	1039738.385	3.413
	87	0.0000	59.355	89.3519	1.70	LINEAMIENT	1.45	7.6143	59.353	1386695.284	1039758.085	3.615
	88	0.0000	49.910	89.2502	1.70	LINEAMIENT	1.45	7.6143	49.907	1386685.921	1039756.834	3.696
	89	0.0000	38.657	89.3110	1.70	LINEAMIENT	1.45	7.6143	38.656	1386674.769	1039755.343	3.513
	90	0.0000	15.030	88.5952	1.70	LINEAMIENT	1.45	7.6143	15.028	1386651.349	1039752.212	3.452
	91	323.5851	12.412	89.2228	1.70	POSTE	1.45	331.5951	12.411	1386647.371	1039744.317	3.324
	92	75.3643	6.118	88.5700	1.70	LINDERO	1.45	83.2262	6.117	1386637.175	1039756.295	3.301
	93	174.1314	14.420	89.2306	1.70	BORDE_VIA	1.45	181.8348	14.419	1386622.042	1039749.759	3.343
	94	185.5108	14.523	89.1156	1.70	BORDE_VIA	1.45	193.4665	14.522	1386622.331	1039746.839	3.392
	95	249.1614	7.904	87.5706	1.70	ARBOL	1.45	256.8848	7.899	1386634.661	1039742.528	3.471
	96	277.5659	12.906	89.5131	1.70	MURO	1.45	285.5640	12.906	1386639.917	1039737.788	3.221
	97	286.3404	11.984	90.3227	1.70	ARBOL	1.45	294.1821	11.983	1386641.363	1039739.289	3.076
	98	101.3421	6.029	88.0139	1.70	ARBOL	1.45	109.1868	6.025	1386634.474	1039755.911	3.396
E11064-E11063	E11063	0.0000	84.114	89.4900	1.70	ESTACION	1.43	188.0876	84.128	1386553.163	1039738.385	3.413
	E11065	274.4958	86.531	90.1739	1.70	DELTA	1.43	282.9204	86.530	1386572.511	1039654.046	2.700
	99	0.0000	67.024	89.4714	1.70	LINEAMIENT	1.43	8.0876	67.024	1386619.520	1039747.814	3.393
	100	0.0000	46.908	89.3843	1.70	LINEAMIENT	1.43	8.0876	46.907	1386599.603	1039744.984	3.435
	101	0.0000	20.299	89.1227	1.70	LINEAMIENT	1.43	8.0876	20.297	1386573.258	1039741.241	3.425
	102	0.0000	8.564	87.3432	1.70	LINEAMIENT	1.43	8.0876	8.556	1386561.634	1039739.589	3.507
	103	0.0000	3.479	85.5631	1.70	LINEAMIENT	1.43	8.0876	3.470	1386556.599	1039738.873	3.391
	104	335.5931	5.465	88.0425	1.70	BORDE_VIA	1.43	344.0796	5.462	1386558.415	1039736.887	3.328
	105	24.0838	6.164	87.3707	1.70	BORDE_VIA	1.43	32.2315	6.159	1386558.372	1039741.670	3.401
	106	73.3006	4.482	87.5514	1.70	BORDE_VIA	1.43	81.5893	4.479	1386553.818	1039742.816	3.307
	107	96.5451	8.857	88.4951	1.70	BORDE_VIA	1.43	105.0018	8.855	1386550.871	1039746.938	3.325
	108	125.3315	10.608	88.1736	1.70	BORDE_VIA	1.43	133.6418	10.603	1386545.845	1039746.058	3.460
	109	170.1058	21.733	90.0935	1.70	BORDE_VIA	1.43	178.2704	21.733	1386531.440	1039739.041	3.084
	110	156.1751	6.327	89.3659	1.70	BORDE_VIA	1.43	164.3851	6.327	1386547.069	1039740.088	3.187
	111	178.3431	22.147	90.1441	1.70	BORDE_VIA	1.43	186.6629	22.147	1386531.166	1039735.815	3.050
	112	242.2654	3.189	89.1731	1.70	BORDE_VIA	1.43	250.5360	3.189	1386552.100	1039735.378	3.184
	113	185.5551	22.530	90.5025	1.70	LINDERO	1.43	194.0185	22.528	1386531.306	1039732.928	2.814
	114	146.0945	11.419	89.0423	1.70	POSTE	1.43	154.2501	11.418	1386542.879	1039743.345	3.329
	115	212.2104	10.415	90.1041	1.70	LINDERO	1.43	220.4387	10.415	1386545.236	1039731.630	3.112
	116	58.0417	11.079	88.2020	1.70	LINDERO	1.43	66.1590	11.074	1386557.639	1039748.514	3.466
	117	74.0941	13.354	88.5756	1.70	LINDERO	1.43	82.2490	13.352	1386554.964	1039751.615	3.386
	118	36.2447	13.109	87.4341	1.70	LINDERO	1.43	44.5007	13.099	1386562.505	1039747.566	3.664
	119	330.4421	23.517	90.1334	1.70	MURO	1.43	338.8268	23.517	1386575.092	1039729.891	3.052



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	120	326.0729	21.013	90.3433	1.70	MURO	1.43	334.2123	21.012	1386572.082	1039729.244	2.933
	121	316.1823	19.128	90.3128	1.70	MURO	1.43	324.3940	19.127	1386568.714	1039727.249	2.969
	122	297.5426	20.829	90.2042	1.70	MURO	1.43	305.9948	20.829	1386565.404	1039721.533	3.019
	123	307.3603	19.125	90.2309	1.70	MURO	1.43	315.6885	19.125	1386566.847	1039725.025	3.016
E11065-E11064	E11064	0.0000	86.522	89.2332	1.70	ESTACION	1.47	282.9204	86.530	1386572.511	1039654.046	2.700
	E11066	179.4316	78.032	89.4324	1.70	DELTA	1.47	282.6415	78.031	1386589.588	1039577.906	2.842
	124	0.0000	67.144	89.1418	2.00	LINEAMIENT	1.47	102.9204	67.138	1386557.499	1039719.484	3.058
	125	0.0000	49.379	89.0906	2.00	LINEAMIENT	1.47	102.9204	49.374	1386561.471	1039702.169	2.896
	126	0.0001	32.255	89.3010	1.70	LINEAMIENT	1.47	102.9207	32.254	1386565.299	1039685.483	2.745
	127	0.0000	13.389	89.0755	1.70	LINEAMIENT	1.47	102.9204	13.387	1386569.517	1039667.094	2.668
	128	0.0000	5.544	87.5631	1.70	LINEAMIENT	1.47	102.9204	5.540	1386571.272	1039659.446	2.664
	129	263.1649	4.947	89.1841	1.70	ARBOL	1.47	6.2007	4.947	1386577.428	1039654.580	2.525
E11066-E11065	E11065	0.0000	78.027	89.5425	1.70	ESTACION	1.42	282.6415	78.031	1386589.588	1039577.906	2.842
	E11067	180.0801	84.312	89.4419	1.70	DELTA	1.42	282.7751	84.311	1386608.231	1039495.682	2.951
	130	0.0000	61.783	90.0041	1.70	LINEAMIENT	1.42	102.6415	61.783	1386576.067	1039638.192	2.554
	131	0.0000	46.577	89.4357	1.70	LINEAMIENT	1.42	102.6415	46.576	1386579.394	1039623.354	2.783
	132	0.0000	24.888	89.3628	1.70	LINEAMIENT	1.42	102.6415	24.887	1386584.141	1039602.191	2.736
	133	0.0000	8.100	88.3603	1.70	LINEAMIENT	1.42	102.6415	8.098	1386587.816	1039585.808	2.764
	134	0.0000	2.424	85.3139	1.70	LINEAMIENT	1.42	102.6415	2.417	1386589.059	1039580.264	2.755
	135	25.4638	32.583	89.2438	1.70	CERRAMIENT	1.42	128.4187	32.581	1386569.342	1039603.434	2.901
	136	330.5013	10.085	86.3417	1.70	ARBOL	1.42	73.4785	10.067	1386592.451	1039587.558	3.169
E11067-E11066	E11066	0.0000	84.312	89.5509	1.70	ESTACION	1.56	282.7751	84.311	1386608.231	1039495.682	2.951
	E11068	178.4024	80.522	89.4354	1.70	DELTA	1.56	281.4485	80.521	1386624.213	1039416.763	3.186
	137	0.0000	64.462	90.0242	1.70	LINEAMIENT	1.56	102.7751	64.462	1386593.977	1039558.549	2.758
	138	0.0000	48.806	89.5253	1.70	LINEAMIENT	1.56	102.7751	48.806	1386597.439	1039543.280	2.910
	139	0.0000	30.907	90.0945	1.70	LINEAMIENT	1.56	102.7751	30.907	1386601.397	1039525.824	2.721
	140	0.0000	19.813	89.4442	1.70	LINEAMIENT	1.56	102.7751	19.813	1386603.850	1039515.005	2.897
	141	0.0000	6.885	89.0252	1.70	LINEAMIENT	1.56	102.7751	6.884	1386606.709	1039502.396	2.923
	142	91.0324	8.573	90.0001	1.70	CERRAMIENT	1.56	193.8318	8.573	1386599.907	1039493.633	2.809
E11068-E11067	E11067	0.0000	80.523	89.5523	1.70	ESTACION	1.44	281.4485	80.521	1386624.213	1039416.763	3.186
	E11069	179.4635	87.684	89.5223	1.70	DELTA	1.44	281.2248	87.684	1386641.282	1039330.757	3.121
	143	0.0000	60.685	89.5139	1.70	LINEAMIENT	1.44	101.4485	60.685	1386612.168	1039476.241	3.074
	144	0.0000	25.691	89.3419	1.70	LINEAMIENT	1.44	101.4485	25.690	1386619.114	1039441.943	3.119
	145	0.0000	15.896	89.3240	1.70	LINEAMIENT	1.44	101.4485	15.895	1386621.058	1039432.343	3.053
	146	0.0000	5.443	88.2743	1.70	LINEAMIENT	1.44	101.4485	5.441	1386623.133	1039422.096	3.073
	147	310.2237	21.266	91.0046	1.70	CERRAMIENT	1.44	51.8254	21.263	1386637.355	1039433.479	2.551



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	148	298.0512	18.592	91.0853	1.70	CERRAMIENT	1.44	39.5351	18.588	1386638.549	1039428.596	2.554
	149	290.4646	22.134	91.1547	1.70	CERRAMIENT	1.44	32.2279	22.129	1386642.933	1039428.564	2.439
	150	285.0954	19.148	90.2436	1.70	ARBOL	1.44	26.6135	19.148	1386641.332	1039425.341	2.790
	151	273.1707	24.471	90.5817	1.70	ARBOL	1.44	14.7337	24.467	1386647.876	1039422.986	2.512
	152	278.2314	14.064	90.3709	1.70	ARBOL	1.44	19.8357	14.063	1386637.442	1039421.535	2.775
	153	281.1538	12.507	93.1341	1.70	BORDE_CANO	1.44	22.7090	12.487	1386635.733	1039421.584	2.222
	154	244.5759	11.933	92.5844	1.70	BORDE_CANO	1.44	346.4148	11.917	1386635.797	1039413.964	2.307
	155	240.2513	10.249	91.4207	1.70	BORDE_CANO	1.44	341.8687	10.244	1386633.949	1039413.575	2.622
	156	296.1116	11.982	91.4623	1.70	BORDE_CANO	1.44	37.6362	11.976	1386633.697	1039424.077	2.556
	157	289.3541	13.683	91.2956	2.00	BORDE_CANO	1.44	31.0432	13.678	1386635.933	1039423.817	2.269
	158	305.4316	16.983	91.5728	1.70	BORDE_CANO	1.44	47.1696	16.973	1386635.752	1039429.211	2.347
	159	313.0302	13.559	90.2255	1.70	VALVULA	1.44	54.4990	13.559	1386632.087	1039427.802	2.836
	160	274.1920	21.869	91.5137	1.70	BORDE_CANO	1.44	15.7707	21.857	1386645.248	1039422.704	2.217
	161	268.1519	21.847	91.5824	1.70	BORDE_CANO	1.44	9.7037	21.834	1386645.735	1039420.444	2.174
	162	239.1757	10.845	89.3034	1.70	ESTRUCTURA	1.44	340.7476	10.845	1386634.452	1039413.188	3.020
	163	241.5952	11.828	89.2614	1.70	ESTRUCTURA	1.44	343.4462	11.827	1386635.551	1039413.394	3.043
	164	241.1129	11.377	94.2734	1.70	DESC_BATEA	1.44	342.6398	11.343	1386635.039	1039413.379	2.042
	165	240.3317	11.378	89.2801	1.70	DESC_CLAVE	1.44	342.0032	11.378	1386635.034	1039413.248	3.033
	166	219.3856	16.460	89.3941	1.70	ESTRUCTURA	1.44	321.0973	16.460	1386637.023	1039406.427	3.024
	167	216.3211	15.759	89.3724	1.70	ESTRUCTURA	1.44	317.9848	15.759	1386635.922	1039406.216	3.030
	168	217.5057	16.264	93.4454	1.70	DESC_BATEA	1.44	319.2976	16.229	1386636.517	1039406.180	1.863
	169	218.0029	16.221	90.5536	1.70	DESC_CLAVE	1.44	319.4565	16.219	1386636.538	1039406.221	2.664
	170	252.3630	7.681	89.5910	1.70	POSTE	1.44	354.0568	7.681	1386631.853	1039415.968	2.929
	171	229.4212	30.407	90.5603	1.70	BORDE_CANO	1.44	331.1518	30.403	1386650.843	1039402.094	2.431
	172	228.0312	30.995	91.1535	1.70	BORDE_CANO	1.44	329.5018	30.988	1386650.914	1039401.037	2.245
	173	211.4958	20.292	91.4348	1.70	BORDE_CANO	1.44	313.2812	20.283	1386638.119	1039401.998	2.314
	174	210.2645	21.803	92.1132	1.70	BORDE_CANO	1.44	311.8943	21.787	1386638.762	1039400.546	2.093
	175	198.5611	23.124	91.3306	1.70	BORDE_CANO	1.44	300.3848	23.116	1386635.905	1039396.823	2.301
	176	204.3737	24.402	91.4650	1.70	BORDE_CANO	1.44	306.0754	24.390	1386638.576	1039397.050	2.169
	177	210.3833	25.410	90.3846	1.70	PARAMENTO	1.44	312.0910	25.408	1386641.245	1039397.908	2.640
	178	208.4037	27.086	90.4216	1.70	PARAMENTO	1.44	310.1254	27.084	1386641.668	1039396.054	2.594
	179	221.1228	30.944	90.1946	1.70	PARAMENTO	1.44	322.6562	30.943	1386648.814	1039397.993	2.749
	180	235.0405	26.017	89.5748	1.70	BORDE_VIA	1.44	336.5165	26.017	1386648.076	1039406.396	2.943
	181	247.5010	24.754	89.5418	1.70	BORDE_VIA	1.44	349.2846	24.754	1386648.536	1039412.161	2.968
	182	218.0339	14.532	89.1829	1.70	BORDE_VIA	1.44	319.5093	14.531	1386635.264	1039407.328	3.102
	183	235.2051	11.795	89.0039	1.70	BORDE_VIA	1.44	336.7960	11.793	1386635.053	1039412.117	3.130



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	184	197.3052	14.435	89.3840	1.70	BORDE_VIA	1.44	298.9629	14.435	1386631.203	1039404.134	3.016
	185	160.5035	13.930	89.3101	1.70	BORDE_VIA	1.44	262.2915	13.930	1386622.345	1039402.960	3.044
	186	182.1423	20.616	89.4417	1.70	BORDE_VIA	1.44	283.6882	20.616	1386629.092	1039396.733	3.021
	187	168.1928	21.469	89.4416	1.70	BORDE_VIA	1.44	269.7729	21.469	1386624.128	1039395.295	3.025
	188	128.4812	9.917	89.4416	1.70	BORDE_VIA	1.44	230.2518	9.917	1386617.872	1039409.139	2.972
	189	90.0616	7.068	89.2251	1.70	BORDE_VIA	1.44	191.5529	7.068	1386617.289	1039415.348	3.003
	190	111.4857	12.578	89.4103	1.70	BORDE_VIA	1.44	213.2643	12.578	1386613.696	1039409.864	2.996
	191	87.0720	11.021	89.5756	1.70	BORDE_VIA	1.44	188.5707	11.021	1386613.315	1039415.121	2.933
	192	86.4845	52.338	89.5327	1.70	MANHOLE	1.44	188.2610	52.338	1386572.419	1039409.243	3.026
	193	84.1411	77.519	89.5626	1.70	MANHOLE	1.44	185.6848	77.519	1386547.076	1039409.085	3.007
	194	87.5102	52.373	90.0400	1.70	BORDE_VIA	1.44	189.2990	52.373	1386572.529	1039408.301	2.866
	195	80.5743	52.261	90.1207	1.70	BORDE_VIA	1.44	182.4104	52.261	1386571.999	1039414.565	2.743
	196	89.5448	71.124	91.0122	1.70	BORDE_CANO	1.44	191.3618	71.113	1386554.494	1039402.754	1.657
	197	88.1411	70.908	90.4412	1.70	BORDE_CANO	1.44	189.6848	70.902	1386554.322	1039404.836	2.015
	198	128.0445	14.497	93.3155	1.70	BORDE_CANO	1.44	229.5276	14.469	1386614.822	1039405.756	2.034
	199	131.5659	16.182	91.3113	1.70	BORDE_CANO	1.44	233.3982	16.176	1386614.568	1039403.777	2.497
	200	149.2346	13.835	93.0116	1.70	BORDE_CANO	1.44	250.8446	13.816	1386619.680	1039403.713	2.198
	201	145.4153	15.478	92.2756	1.70	BORDE_CANO	1.44	247.1465	15.464	1386618.208	1039402.514	2.261
	202	157.1835	24.893	90.5410	1.70	POSTE	1.44	258.7582	24.890	1386619.361	1039392.351	2.535
	203	18.1636	11.952	89.4107	1.70	CERRAMIENT	1.44	119.7251	11.952	1386618.287	1039427.143	2.992
	204	74.3417	60.287	90.1041	1.70	CERRAMIENT	1.44	176.0198	60.287	1386564.072	1039420.948	2.739
	205	75.0008	88.028	90.1043	1.70	CERRAMIENT	1.44	176.4507	88.028	1386536.355	1039422.213	2.652
	206	77.4114	87.584	90.1256	1.70	CERRAMIENT	1.44	179.1357	87.583	1386536.640	1039418.085	2.597
	207	79.5709	142.060	90.1610	1.70	CERRAMIENT	1.44	181.4010	142.058	1386482.197	1039413.290	2.259
	208	25.2547	12.028	89.0140	1.70	CAJ_AGUA	1.44	126.8782	12.026	1386616.996	1039426.383	3.131
	209	26.4832	11.518	88.4207	1.70	CAJ_AGUA	1.44	128.2573	11.515	1386617.083	1039425.805	3.188
	210	21.4940	11.648	88.4206	1.70	CAJ_AGUA	1.44	123.2762	11.645	1386617.824	1039426.499	3.191
	211	23.0042	11.151	88.3718	1.70	CAJ_AGUA	1.44	124.4601	11.148	1386617.906	1039425.955	3.195
	212	86.2722	3.112	88.1121	1.70	BORDE_VIA	1.44	187.9046	3.110	1386621.132	1039416.336	3.025
	213	6.1753	9.299	89.3400	1.70	BORDE_VIA	1.44	107.7465	9.299	1386621.379	1039425.620	2.997
	214	348.2544	9.257	89.3046	1.70	BORDE_VIA	1.44	89.8773	9.257	1386624.233	1039426.020	3.005
	215	242.4328	2.592	87.2908	1.70	BORDE_VIA	1.44	344.1729	2.590	1386626.705	1039416.057	3.040
E11069-E11068	E11068	0.0000	87.681	89.4851	1.70	ESTACION	1.47	281.2248	87.684	1386641.282	1039330.757	3.121
	E11070	182.0043	98.444	89.5746	1.70	DELTA	1.47	283.2368	98.444	1386663.823	1039234.928	2.955
	216	0.0000	65.118	89.5450	1.70	LINEAMIENT	1.47	101.2248	65.118	1386628.606	1039394.629	2.989
	217	0.0000	40.229	89.4829	1.70	LINEAMIENT	1.47	101.2248	40.229	1386633.451	1039370.216	3.026



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	218	0.0000	32.635	89.3616	1.70	LINEAMIENT	1.47	101.2248	32.634	1386634.929	1039362.767	3.116
	219	0.0000	22.084	89.2156	1.70	LINEAMIENT	1.47	101.2248	22.083	1386636.983	1039352.417	3.136
	220	359.5959	9.476	89.2226	1.70	LINEAMIENT	1.47	101.2246	9.475	1386639.437	1039340.051	2.995
	221	174.3147	50.664	90.3135	1.70	POSTE	1.47	275.7546	50.662	1386646.362	1039280.350	2.426
	222	178.2222	35.096	90.2005	1.70	BORDE_VIA	1.47	279.5976	35.095	1386647.133	1039296.153	2.686
	223	184.1006	35.003	90.1104	1.70	BORDE_VIA	1.47	285.3932	35.003	1386650.573	1039297.010	2.778
	224	155.5730	10.126	90.3508	1.70	MANHOLE	1.47	257.1832	10.125	1386639.036	1039320.884	2.788
	225	40.3307	11.034	91.5821	1.70	POSTE	1.47	141.7768	11.027	1386632.619	1039337.580	2.511
E11070-E11069	E11069	0.0000	98.445	89.4721	1.70	ESTACION	1.48	283.2368	98.444	1386663.823	1039234.928	2.955
	E11071	83.0416	108.843	90.0803	1.70	DELTA	1.48	186.3079	108.843	1386555.639	1039222.970	2.479
	E11077	263.5026	126.104	89.5252	1.70	DELTA	1.48	7.0773	126.104	1386788.966	1039250.466	2.996
	226	0.0000	87.201	89.5614	1.70	LINEAMIENT	1.48	103.2368	87.201	1386643.856	1039319.813	2.829
	227	0.0001	78.959	89.5248	1.70	LINEAMIENT	1.48	103.2371	78.959	1386645.743	1039311.789	2.899
	228	0.0000	61.421	89.5837	1.70	LINEAMIENT	1.48	103.2368	61.421	1386649.759	1039294.718	2.759
	229	0.0000	37.769	89.5327	1.70	LINEAMIENT	1.48	103.2368	37.769	1386655.175	1039271.694	2.806
	230	0.0000	30.505	90.0408	1.70	LINEAMIENT	1.48	103.2368	30.505	1386656.838	1039264.623	2.697
	231	0.0000	29.119	90.1929	1.70	LINEAMIENT	1.48	103.2368	29.119	1386657.156	1039263.273	2.569
	232	0.0000	8.802	88.4856	1.70	LINEAMIENT	1.48	103.2368	8.800	1386661.808	1039243.495	2.916
	233	78.2924	46.669	90.3021	1.70	POSTE	1.48	181.7268	46.667	1386617.177	1039233.522	2.322
	234	73.0317	22.563	90.1949	1.70	POSTE	1.48	176.2915	22.563	1386641.308	1039236.388	2.604
	235	127.2447	8.126	86.4827	1.70	POSTE	1.48	230.6498	8.113	1386658.679	1039228.654	3.186
	236	312.5227	5.344	86.5404	1.70	POSTE	1.48	56.1110	5.336	1386666.799	1039239.358	3.023
	237	252.1908	6.769	88.4141	1.70	MANHOLE	1.48	355.5557	6.767	1386670.570	1039234.404	2.888
	238	281.4143	16.500	89.5620	1.70	PARAMENTO	1.48	24.9321	16.500	1386678.786	1039241.884	2.752
	239	273.1034	25.501	90.4524	1.70	BORDE_CANO	1.48	16.4129	25.499	1386688.283	1039242.133	2.397
	240	271.1042	25.250	90.5109	1.70	BORDE_CANO	1.48	14.4151	25.247	1386688.276	1039241.214	2.358
	241	277.4920	14.718	92.0346	1.70	BORDE_CANO	1.48	21.0590	14.708	1386677.549	1039240.214	2.204
	242	281.1345	14.959	92.0711	1.70	BORDE_CANO	1.48	24.4660	14.949	1386677.430	1039241.119	2.181
	243	323.5639	6.597	93.1743	1.70	BORDE_CANO	1.48	67.1810	6.586	1386666.377	1039240.999	2.355
	244	330.4512	8.355	94.0025	1.70	BORDE_CANO	1.48	73.9901	8.335	1386666.122	1039242.940	2.150
	245	315.1614	8.899	93.3550	1.70	BORDE_CANO	1.48	58.5073	8.881	1386668.463	1039242.502	2.176
	246	321.5906	9.029	93.0235	1.70	BORDE_CANO	1.48	65.2218	9.016	1386667.602	1039243.115	2.255
	247	329.1132	7.490	97.4134	1.70	DESC_BATEA	1.48	72.4290	7.423	1386666.064	1039242.005	1.731
	248	328.3658	7.401	93.4214	1.70	DESC_CLAVE	1.48	71.8529	7.386	1386666.123	1039241.947	2.256
	249	27.4913	6.892	97.3837	1.70	DESC_BATEA	1.48	131.0571	6.831	1386659.337	1039240.079	1.817
	250	27.5423	6.747	93.1616	1.70	DESC_CLAVE	1.48	131.1432	6.736	1386659.391	1039240.001	2.349



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	251	19.4734	11.373	89.3135	1.70	MANHOLE	1.48	123.0296	11.373	1386657.624	1039244.463	2.828
	252	271.1123	28.897	91.0124	1.70	POSTE	1.48	14.4265	28.892	1386691.805	1039242.127	2.218
	253	254.0355	35.695	89.1643	1.70	POSTE	1.48	357.3021	35.692	1386699.476	1039233.248	3.183
	254	30.3433	7.617	95.2017	1.70	BORDE_CANO	1.48	133.8126	7.584	1386658.573	1039240.401	2.025
	255	37.3715	6.568	96.5333	1.70	BORDE_CANO	1.48	140.8576	6.521	1386658.766	1039239.044	1.946
	256	69.1831	21.087	92.1234	1.70	BORDE_CANO	1.48	172.5454	21.071	1386642.930	1039237.662	1.921
	257	64.5655	21.551	91.5925	1.70	BORDE_CANO	1.48	168.1854	21.538	1386642.741	1039239.338	1.985
	258	78.0211	19.459	90.0618	1.70	BORDE_VIA	1.48	181.2732	19.459	1386644.369	1039234.496	2.698
	259	93.0104	19.438	90.0155	1.70	BORDE_VIA	1.48	196.2546	19.438	1386645.162	1039229.488	2.723
	260	52.4858	4.885	89.0412	1.70	BORDE_VIA	1.48	156.0529	4.884	1386659.359	1039236.911	2.813
	261	302.1431	4.000	89.3706	1.70	BORDE_VIA	1.48	45.4787	4.000	1386666.628	1039237.780	2.761
	262	230.3044	11.676	90.2348	1.70	LINDERO	1.48	333.7490	11.676	1386674.295	1039229.764	2.653
	263	102.2837	17.945	89.3649	1.70	LINDERO	1.48	205.7137	17.945	1386647.656	1039227.143	2.855
	264	266.1446	78.913	89.4754	1.70	POSTE	1.48	9.4829	78.913	1386741.657	1039247.929	3.012
	265	267.4007	53.903	90.0113	1.70	POSTE	1.48	10.9054	53.903	1386716.753	1039245.126	2.715
	266	269.3959	51.571	90.1020	1.50	POSTE	1.48	12.9032	51.571	1386714.092	1039246.444	2.779
	267	230.2619	21.531	90.4407	1.70	PARAMENTO	1.48	333.6754	21.529	1386683.120	1039225.381	2.458
	268	15.1620	10.666	90.0216	1.70	VALVULA	1.48	118.5090	10.666	1386658.732	1039244.301	2.727
E11071-E11070	E11070	0.0000	108.838	89.3802	1.70	ESTACION	1.46	186.3079	108.843	1386555.639	1039222.970	2.479
	E11072	273.1326	44.026	89.3727	1.70	DELTA	1.46	279.5318	44.025	1386562.930	1039179.552	2.528
	269	0.0000	87.119	89.4012	1.70	LINEAMIENT	1.46	6.3079	87.118	1386642.230	1039232.541	2.741
	270	0.0001	58.776	89.3454	1.70	LINEAMIENT	1.46	6.3082	58.774	1386614.058	1039229.428	2.668
	271	0.0000	12.488	88.5535	1.70	LINEAMIENT	1.46	6.3079	12.486	1386568.050	1039224.342	2.473
	272	15.0448	12.601	89.3507	1.70	POSTE	1.46	21.3879	12.601	1386567.372	1039227.565	2.330
	273	5.2948	37.168	89.4722	1.70	POSTE	1.46	11.8046	37.168	1386592.021	1039230.573	2.376
	274	344.0108	31.465	89.2641	1.70	CERRAMIENT	1.46	350.3268	31.464	1386586.656	1039217.683	2.544
	275	338.4819	31.020	89.2014	1.70	CERRAMIENT	1.46	345.1132	31.018	1386585.616	1039215.001	2.598
	276	335.2011	27.913	89.2014	1.70	CERRAMIENT	1.46	341.6443	27.911	1386582.130	1039214.180	2.562
	277	339.2536	23.487	89.3806	1.70	CERRAMIENT	1.46	345.7346	23.487	1386578.402	1039217.182	2.389
	278	282.3141	9.792	89.1725	1.70	CERRAMIENT	1.46	288.8360	9.791	1386558.801	1039213.703	2.360
	279	268.2428	3.893	86.2610	1.70	BORDE_VIA	1.46	274.7157	3.885	1386555.959	1039219.097	2.481
	280	207.1325	8.071	88.3126	1.70	BORDE_VIA	1.46	213.5315	8.068	1386548.914	1039218.513	2.447
	281	188.2303	23.674	89.3119	1.70	BORDE_VIA	1.46	194.6921	23.673	1386532.740	1039216.966	2.437
	282	176.2824	23.285	89.4334	1.70	BORDE_VIA	1.46	182.7812	23.285	1386532.382	1039221.840	2.350
	283	164.3456	12.653	89.3401	1.70	POSTE	1.46	170.8901	12.653	1386543.146	1039224.973	2.335
	284	165.4354	19.467	91.2211	1.70	BORDE_CANO	1.46	172.0396	19.461	1386536.366	1039225.665	1.774



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	285	169.4842	19.006	91.1508	1.70	BORDE_CANO	1.46	176.1196	19.001	1386536.682	1039224.256	1.824
	286	207.4922	19.450	88.5051	1.70	POSTE	1.46	214.1307	19.446	1386539.543	1039212.059	2.630
	287	211.2116	19.878	88.0859	1.70	PARAMENTO	1.46	217.6623	19.868	1386539.912	1039210.830	2.881
	288	225.1052	14.073	88.2513	1.70	PARAMENTO	1.46	231.4890	14.068	1386546.880	1039211.962	2.627
	289	214.1736	11.333	88.3210	1.70	ARBOL	1.46	220.6012	11.329	1386547.038	1039215.597	2.529
	290	222.1639	10.561	88.3427	1.70	MANHOLE	1.46	228.5854	10.558	1386548.655	1039215.052	2.502
	291	205.2032	4.384	86.4733	1.70	MANHOLE	1.46	211.6501	4.377	1386551.913	1039220.673	2.484
	292	267.1913	50.353	89.3403	1.70	PARAMENTO	1.46	273.6282	50.352	1386558.826	1039172.719	2.619
	293	268.2247	48.943	89.3454	1.70	POSTE	1.46	274.6876	48.942	1386559.639	1039174.192	2.596
	294	266.2633	48.158	89.3929	1.70	BORDE_VIA	1.46	272.7504	48.157	1386557.950	1039174.868	2.526
	295	264.1129	42.101	89.3048	1.70	BORDE_VIA	1.46	270.4993	42.099	1386556.006	1039180.872	2.597
	296	265.2813	41.164	89.3348	1.70	MANHOLE	1.46	271.7782	41.163	1386556.917	1039181.827	2.553
	297	263.4644	40.166	89.2307	1.70	PARAMENTO	1.46	270.0868	40.164	1386555.700	1039182.806	2.670
E11072-E11071	E11071	0.0000	44.015	89.4519	1.70	ESTACION	1.46	279.5318	44.025	1386562.930	1039179.552	2.528
	E11073	186.4803	78.476	89.5526	1.70	DELTA	1.46	286.3326	78.476	1386584.998	1039104.243	2.389
	298	0.0000	38.114	89.3624	1.70	LINEAMIENT	1.46	99.5318	38.113	1386556.618	1039217.139	2.547
	299	0.0000	32.477	89.4712	1.70	LINEAMIENT	1.46	99.5318	32.477	1386557.552	1039211.581	2.406
	300	0.0000	19.833	89.5448	1.70	LINEAMIENT	1.46	99.5318	19.833	1386559.646	1039199.112	2.315
	301	0.0000	8.267	89.0030	1.70	LINEAMIENT	1.46	99.5318	8.266	1386561.561	1039187.704	2.428
	302	0.0000	3.292	86.5426	1.70	LINEAMIENT	1.46	99.5318	3.287	1386562.385	1039182.794	2.462
	303	178.0051	36.652	89.3427	1.70	PARAMENTO	1.46	277.5460	36.651	1386567.743	1039143.219	2.557
	304	180.0348	46.778	89.3641	1.70	PARAMENTO	1.46	279.5951	46.777	1386570.727	1039133.430	2.602
	305	181.2727	45.942	89.3847	1.70	POSTE	1.46	280.9893	45.941	1386571.687	1039134.454	2.568
	306	181.4145	43.492	89.5550	1.70	BORDE_VIA	1.46	281.2276	43.492	1386571.398	1039136.893	2.338
	307	178.0532	43.811	89.5710	1.70	BORDE_VIA	1.46	277.6240	43.811	1386568.742	1039136.129	2.321
	308	184.2113	37.810	89.3657	1.70	MANHOLE	1.46	283.8854	37.809	1386572.003	1039142.848	2.538
	309	190.3230	37.671	89.5459	1.70	BORDE_VIA	1.46	290.0735	37.671	1386575.859	1039144.170	2.340
	310	182.4117	73.837	89.4510	1.70	PARAMENTO	1.46	282.2198	73.836	1386578.558	1039107.389	2.603
	311	183.3456	76.293	89.4736	1.70	POSTE	1.46	283.1140	76.293	1386580.240	1039105.250	2.560
	312	183.0523	77.165	89.5400	1.70	BORDE_VIA	1.46	282.6215	77.165	1386579.791	1039104.252	2.420
	313	183.0129	80.041	89.5105	1.70	BORDE_VIA	1.46	282.5565	80.041	1386580.331	1039101.426	2.492
	314	178.0443	39.311	89.5105	1.70	BORDE_VIA	1.46	277.6104	39.311	1386568.136	1039140.588	2.387
	315	180.5120	39.033	89.5105	1.70	BORDE_VIA	1.46	280.3873	39.033	1386569.967	1039141.159	2.386
	316	180.3928	16.943	89.1912	1.70	BORDE_VIA	1.46	280.1896	16.942	1386565.927	1039162.878	2.486
	317	153.0235	3.932	86.4220	1.70	BORDE_VIA	1.46	252.5748	3.926	1386561.754	1039175.807	2.511
E11073-E11072	E11072	0.0000	78.470	89.4435	1.70	ESTACION	1.47	286.3326	78.476	1386584.998	1039104.243	2.389



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	E11074	174.3609	38.477	89.4808	1.70	DELTA	1.47	280.9351	38.477	1386592.297	1039066.465	2.296
	318	0.0000	50.501	89.3728	1.70	LINEAMIENTO	1.47	106.3326	50.500	1386570.797	1039152.705	2.494
	319	0.0000	33.214	89.4354	1.70	LINEAMIENTO	1.47	106.3326	33.214	1386575.658	1039136.117	2.319
	320	0.0000	8.634	88.5436	1.70	LINEAMIENTO	1.47	106.3326	8.632	1386582.571	1039112.527	2.327
	321	129.3037	6.838	83.1134	1.70	PARAMENTO	1.47	235.8429	6.790	1386581.186	1039098.625	2.974
	322	106.4609	14.922	86.2931	1.70	PARAMENTO	1.47	213.1018	14.894	1386572.521	1039096.109	3.076
	323	160.2223	15.184	86.5127	1.70	PARAMENTO	1.47	266.7057	15.161	1386584.127	1039089.107	2.995
E11074-E11073	E11073	0.0000	38.473	89.3201	1.70	ESTACION	1.46	280.9351	38.477	1386592.297	1039066.465	2.296
	E11075	173.0940	67.395	89.5546	1.70	DELTA	1.46	274.0962	67.395	1386597.111	1038999.242	2.142
	324	0.0000	24.076	89.3045	1.70	LINEAMIENTO	1.46	100.9351	24.075	1386587.730	1039090.103	2.264
	325	0.0000	11.794	88.5900	1.70	LINEAMIENTO	1.46	100.9351	11.792	1386590.060	1039078.043	2.268
	326	0.0000	6.413	87.3500	1.70	LINEAMIENTO	1.46	100.9351	6.407	1386591.082	1039072.756	2.329
	327	0.0000	2.657	86.5919	1.70	LINEAMIENTO	1.46	100.9351	2.653	1386591.794	1039069.070	2.199
	328	74.3744	10.500	89.0627	1.70	BORDE_VIA	1.46	175.5640	10.499	1386581.830	1039067.277	2.222
	329	93.0007	10.437	88.5133	1.70	BORDE_VIA	1.46	193.9371	10.435	1386582.169	1039063.952	2.267
	330	40.2521	3.180	87.2438	1.70	BORDE_VIA	1.46	141.3576	3.177	1386589.816	1039068.449	2.203
	331	104.4918	2.764	86.4243	1.70	BORDE_VIA	1.46	205.7568	2.759	1386589.812	1039065.266	2.217
	332	307.4610	3.706	87.2757	1.70	BORDE_VIA	1.46	48.7046	3.702	1386594.741	1039069.247	2.223
	333	241.4459	2.996	86.4200	1.70	BORDE_VIA	1.46	342.6848	2.991	1386595.153	1039065.575	2.231
	334	280.1054	10.079	88.4129	1.70	BORDE_VIA	1.46	21.1168	10.076	1386601.697	1039070.095	2.289
	335	262.0553	9.997	89.1018	1.70	BORDE_VIA	1.46	3.0332	9.996	1386602.279	1039066.994	2.203
	336	319.4034	10.175	88.0004	1.70	PARAMENTO	1.46	60.6112	10.169	1386597.287	1039075.325	2.414
	337	304.5128	13.017	88.3438	1.70	PARAMENTO	1.46	45.7929	13.013	1386601.371	1039075.793	2.382
	338	238.3043	10.727	87.5819	1.70	PARAMENTO	1.46	339.4471	10.720	1386602.335	1039062.702	2.439
	339	210.4523	6.496	87.5820	1.70	PARAMENTO	1.46	311.6915	6.492	1386596.615	1039061.617	2.289
	340	191.2225	13.426	88.0455	2.00	PARAMENTO	1.46	292.3087	13.418	1386597.391	1039054.051	2.208
	341	185.0201	13.200	86.5044	1.70	PARAMENTO	1.46	285.9687	13.180	1386595.923	1039053.794	2.785
	342	180.1457	40.076	89.0747	1.70	PARAMENTO	1.46	281.1843	40.071	1386600.070	1039027.155	2.668
	343	163.3757	22.105	87.3311	1.70	PARAMENTO	1.46	264.5676	22.085	1386590.206	1039044.480	3.003
	344	131.0230	6.124	86.3621	1.70	PARAMENTO	1.46	231.9768	6.113	1386588.532	1039061.649	2.421
	345	104.3605	12.881	88.0456	1.70	PARAMENTO	1.46	205.5365	12.874	1386580.681	1039060.916	2.490
	346	131.4131	4.728	86.4023	1.70	CAJ_ALCAN	1.46	232.6271	4.720	1386589.432	1039062.714	2.333
	347	130.3820	3.818	85.4851	1.70	CAJ_ALCAN	1.46	231.5740	3.808	1386589.931	1039063.482	2.338
	348	222.2938	4.681	87.3233	1.70	POSTE	1.46	323.4290	4.677	1386596.053	1039063.679	2.260
	349	168.1441	40.353	89.4627	1.70	PARAMENTO	1.46	269.1798	40.353	1386591.720	1039026.117	2.218
	350	179.5553	48.924	89.2930	1.70	PARAMENTO	1.46	280.8665	48.922	1386601.520	1039018.420	2.493



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	351	178.3503	40.075	89.0939	1.70	POSTE	1.46	279.5193	40.071	1386598.924	1039026.946	2.646
	352	176.3400	28.663	89.2646	1.70	BORDE_VIA	1.46	277.5018	28.662	1386596.039	1039038.049	2.336
	353	172.1632	28.928	89.3508	1.70	BORDE_VIA	1.46	273.2107	28.927	1386593.917	1039037.583	2.268
E11075-E11074	E11074	0.0000	67.395	89.4134	1.70	ESTACION	1.47	274.0962	67.395	1386597.111	1038999.242	2.142
	E11076	86.0902	59.754	90.1221	1.70	DELTA	1.47	180.2468	59.754	1386537.358	1038998.985	1.696
	354	0.0001	60.638	89.4224	1.70	LINEAMIENTO	1.47	94.0965	60.637	1386592.780	1039059.725	2.221
	355	0.0000	41.374	89.3013	1.70	LINEAMIENTO	1.47	94.0962	41.372	1386594.156	1039040.509	2.269
	356	0.0000	19.074	89.0144	1.70	LINEAMIENTO	1.47	94.0962	19.071	1386595.749	1039018.265	2.234
	357	0.0000	6.718	87.4907	1.70	LINEAMIENTO	1.47	94.0962	6.713	1386596.632	1039005.938	2.167
	358	19.0552	9.886	84.0035	1.70	PARAMENTO	1.47	113.1940	9.832	1386593.239	1039008.280	2.943
	359	96.5225	26.946	89.3454	1.70	PARAMENTO	1.47	190.9698	26.945	1386570.658	1038994.115	2.108
	360	70.4619	26.113	89.5816	1.70	PARAMENTO	1.47	164.8682	26.113	1386571.904	1039006.059	1.924
	361	128.3106	8.440	88.0633	1.70	PARAMENTO	1.47	222.6146	8.435	1386590.904	1038993.531	2.189
	362	293.3641	4.910	86.4222	1.70	PARAMENTO	1.47	27.7076	4.902	1386601.451	1039001.522	2.193
	363	343.0505	13.952	88.4723	1.70	PARAMENTO	1.47	77.1810	13.949	1386600.206	1039012.844	2.206
	364	220.2226	11.711	87.5705	1.70	PARAMENTO	1.47	314.4701	11.704	1386605.310	1038990.891	2.330
	365	233.3516	28.018	89.3345	1.70	PARAMENTO	1.47	327.6840	28.017	1386620.789	1038984.265	2.125
	366	240.2200	27.020	89.2636	1.70	PARAMENTO	1.47	334.4629	27.019	1386621.491	1038987.595	2.173
	367	243.0108	34.010	89.2423	1.70	PARAMENTO	1.47	337.1151	34.008	1386628.443	1038986.017	2.263
	368	243.3053	26.416	89.4420	1.70	POSTE	1.47	337.6110	26.416	1386621.536	1038989.181	2.031
	369	261.2704	28.135	89.4420	1.70	POSTE	1.47	355.5473	28.135	1386625.161	1038997.058	2.039
	370	209.5233	7.216	88.4824	1.70	POSTE	1.47	303.9721	7.214	1386601.143	1038993.259	2.061
	371	273.5150	23.510	89.3142	1.70	PARAMENTO	1.47	7.9601	23.509	1386620.394	1039002.498	2.104
	372	270.0449	10.622	89.2021	1.70	POSTE	1.47	4.1765	10.621	1386607.704	1039000.016	2.033
	373	95.5105	15.673	89.3645	1.70	POSTE	1.47	189.9476	15.673	1386581.674	1038996.535	2.017
	374	63.2432	15.317	88.1425	1.70	POSTE	1.47	157.5051	15.310	1386582.966	1039005.100	2.381
	375	26.1154	2.588	84.0038	1.70	BORDE_VIA	1.47	120.2946	2.574	1386595.813	1039001.465	2.181
	376	315.3933	3.306	87.1300	1.70	BORDE_VIA	1.47	49.7554	3.302	1386599.245	1039001.763	2.071
	377	259.3528	6.879	89.2259	1.70	BORDE_VIA	1.47	353.6873	6.879	1386603.948	1038998.486	1.985
	378	230.3502	8.263	89.0334	1.70	BORDE_VIA	1.47	324.6801	8.262	1386603.853	1038994.466	2.047
	379	103.5358	7.735	88.1338	1.70	BORDE_VIA	1.47	197.9957	7.731	1386589.758	1038996.854	2.150
	380	73.4413	6.871	87.3522	1.70	BORDE_VIA	1.47	167.8332	6.865	1386590.401	1039000.689	2.200
	381	254.1022	33.542	89.5955	1.70	MANHOLE	1.47	348.2690	33.542	1386629.953	1038992.423	1.912
	382	80.5051	29.331	90.0859	1.70	MANHOLE	1.47	174.9437	29.331	1386567.895	1039001.828	1.834
E11076-E11075	E11075	0.0000	59.754	89.2131	1.70	ESTACION	1.47	180.2468	59.754	1386537.358	1038998.985	1.696
	E12016	186.5253	123.472	89.5431	1.70	DELTA	1.47	187.1282	123.472	1386414.841	1038983.664	1.660



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	383	0.0000	49.239	89.1224	1.70	LINEAMIENTO	1.47	0.2468	49.234	1386586.592	1038999.197	2.145
	384	0.0000	38.938	89.1644	1.70	LINEAMIENTO	1.47	0.2468	38.935	1386576.293	1038999.153	1.953
	385	0.0000	24.065	89.1421	1.70	LINEAMIENTO	1.47	0.2468	24.063	1386561.421	1038999.089	1.783
	386	0.0000	12.096	89.0415	1.70	LINEAMIENTO	1.47	0.2468	12.094	1386549.453	1038999.037	1.659
	387	309.2352	20.837	87.4439	1.70	PARAMENTO	1.47	309.6446	20.821	1386550.642	1038982.953	2.283
	388	339.5911	11.618	89.3009	1.70	POSTE	1.47	340.2332	11.618	1386548.291	1038995.056	1.564
	389	282.0450	33.335	89.3132	1.70	POSTE	1.47	282.3273	33.334	1386544.475	1038966.420	1.739
	390	153.4223	17.493	88.5403	1.70	PARAMENTO	1.47	153.9532	17.490	1386521.645	1039006.665	1.799
	391	161.0307	22.141	89.0729	1.70	PARAMENTO	1.47	161.2987	22.138	1386516.389	1039006.083	1.801
	392	124.4935	35.180	89.2349	1.70	PARAMENTO	1.47	125.0732	35.178	1386517.144	1039027.775	1.834
	393	138.4319	21.914	89.0647	1.70	PARAMENTO	1.47	138.9687	21.911	1386520.829	1039013.369	1.802
	394	72.2950	22.701	86.4308	1.70	PARAMENTO	1.47	72.7440	22.664	1386544.081	1039020.629	2.763
	395	86.5744	20.591	88.5153	1.70	POSTE	1.47	87.2090	20.587	1386538.361	1039019.548	1.871
	396	75.3618	25.860	87.0511	1.70	PARAMENTO	1.47	75.8518	25.827	1386543.671	1039024.028	2.778
	397	105.3610	5.554	83.5718	1.70	MANHOLE	1.47	105.8496	5.523	1386535.850	1039004.298	2.048
	398	25.1042	37.242	89.2645	1.50	PARAMENTO	1.47	25.4251	37.240	1386570.992	1039014.973	2.023
	399	43.3908	34.360	88.1953	1.70	PARAMENTO	1.47	43.8990	34.345	1386562.106	1039022.800	2.464
	400	169.4730	26.450	84.3229	4.00	POSTE	1.47	170.0385	26.330	1386511.425	1039003.540	1.679
	401	350.5208	10.017	89.3229	1.70	BORDE_VIA	1.47	351.1157	10.017	1386547.255	1038997.438	1.543
	402	13.0444	10.169	89.3919	1.70	BORDE_VIA	1.47	13.3257	10.169	1386547.253	1039001.329	1.524
	403	337.1506	9.266	89.2347	1.70	BORDE_VIA	1.47	337.4985	9.265	1386545.918	1038995.439	1.561
	404	308.1352	6.375	89.2033	1.70	BORDE_VIA	1.47	308.4779	6.375	1386541.325	1038993.995	1.536
	405	118.2637	8.794	87.1234	1.70	BORDE_VIA	1.47	118.6904	8.784	1386533.141	1039006.690	1.891
	406	143.1540	12.334	89.0421	1.70	BORDE_VIA	1.47	143.5079	12.332	1386527.444	1039006.319	1.663
	407	173.1732	13.749	89.0421	1.70	BORDE_VIA	1.47	173.5390	13.747	1386523.698	1039000.532	1.686
	408	189.4315	13.615	89.1238	1.70	BORDE_VIA	1.47	189.9676	13.614	1386523.950	1038996.629	1.651
E12016-E11076	E11076	0.0000	123.472	89.5453	1.70	ESTACION	1.52	187.1282	123.472	1386414.841	1038983.664	1.660
	E11044	274.3924	51.595	89.4640	1.70	DELTA	1.52	281.7848	51.595	1386425.378	1038933.156	1.679
	409	0.0000	120.013	89.4523	1.70	LINEAMIENTO	1.52	7.1282	120.012	1386533.925	1038998.556	1.989
	410	0.0000	113.162	89.5348	1.70	LINEAMIENTO	1.52	7.1282	113.162	1386527.128	1038997.706	1.683
	411	0.0001	95.208	89.5209	1.70	LINEAMIENTO	1.52	7.1285	95.208	1386509.313	1038995.478	1.697
	412	0.0000	64.843	89.4615	1.70	LINEAMIENTO	1.52	7.1282	64.842	1386479.182	1038991.710	1.739
	413	0.0000	47.127	89.3317	1.70	LINEAMIENTO	1.52	7.1282	47.126	1386461.602	1038989.511	1.845
	414	0.0000	18.986	89.3249	1.70	LINEAMIENTO	1.52	7.1282	18.985	1386433.679	1038986.019	1.629
	415	0.0000	4.563	87.2940	1.70	LINEAMIENTO	1.52	7.1282	4.559	1386419.364	1038984.229	1.679
	416	11.3648	47.700	88.5900	1.70	PARAMENTO	1.52	18.7415	47.692	1386460.004	1038998.987	2.326



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	417	9.1334	47.214	88.4654	1.70	POSTE	1.52	16.3543	47.203	1386460.134	1038996.955	2.483
	418	17.4743	34.370	87.4555	2.90	PARAMENTO	1.52	24.9235	34.344	1386445.986	1038998.136	1.619
	419	326.0749	6.012	88.2853	1.70	BORDE_VIA	1.52	333.2585	6.010	1386420.208	1038980.959	1.639
	420	44.3438	5.711	87.4945	1.70	BORDE_VIA	1.52	51.7054	5.707	1386418.377	1038988.142	1.696
E11013		0.0000				ESTACION		0.0000		1387139.226	1039176.076	2.610
E11015	E11013	0.0000	55.309	89.5624	1.70	ESTACION	1.50	248.5793		1387119.032	1039124.602	2.751
	EAUX_1	38.5252	7.162	84.1317	1.70	DELTA	1.50	107.4604	7.126	1387116.894	1039131.400	3.273
EAUX_1-E11015	E11015	0.0000	7.114	92.2105	1.70	ESTACION	1.47	107.4604	7.126	1387116.894	1039131.400	3.273
	E11078	228.0509	23.916	90.0908	1.70	DELTA	1.47	155.5462	23.916	1387095.123	1039141.300	2.979
E11078-EAUX_1	EAUX_1	0.0000	23.915	88.5045	1.70	ESTACION	1.51	155.5462	23.916	1387095.123	1039141.300	2.979
	E11079	185.4238	79.579	89.5529	1.70	DELTA	1.51	161.2568	79.579	1387019.765	1039166.871	2.891
	421	35.5936	12.077	95.2150	1.70	BORDE_CANO	1.51	11.5395	12.024	1387106.904	1039143.705	1.657
	422	31.3756	11.485	95.2505	1.70	BORDE_CANO	1.51	7.1784	11.434	1387106.467	1039142.729	1.702
	423	81.4114	6.340	97.5008	1.70	BORDE_CANO	1.51	57.2334	6.281	1387098.523	1039146.581	1.922
	424	79.4042	4.817	101.0728	1.70	BORDE_CANO	1.51	55.2245	4.726	1387097.819	1039145.182	1.857
	425	157.4318	12.531	93.4646	1.70	BORDE_CANO	1.51	133.2679	12.504	1387086.553	1039150.405	1.960
	426	161.2816	10.876	94.0917	1.70	BORDE_CANO	1.51	137.0173	10.847	1387087.188	1039148.695	1.998
	427	169.0927	22.471	91.3801	1.70	BORDE_CANO	1.51	144.7037	22.462	1387076.791	1039154.278	2.146
	428	172.3156	22.386	92.1709	1.70	BORDE_CANO	1.51	148.0784	22.368	1387076.138	1039153.127	1.893
	429	169.4500	22.780	90.1646	1.70	ESTRUCTURA	1.51	145.2962	22.780	1387076.396	1039154.269	2.675
	430	172.5410	22.438	90.1422	1.70	ESTRUCTURA	1.51	148.4490	22.438	1387076.002	1039153.041	2.693
	431	169.5049	22.739	89.5519	1.70	ESTRUCTURA	1.51	145.3932	22.739	1387076.408	1039154.214	2.817
	432	172.5701	22.413	89.5803	1.70	ESTRUCTURA	1.51	148.4965	22.413	1387076.014	1039153.012	2.799
	433	169.5035	22.768	89.5401	1.70	ESTRUCTURA	1.51	145.3893	22.768	1387076.385	1039154.232	2.826
	434	167.5823	23.094	90.0601	1.70	ESTRUCTURA	1.51	143.5193	23.094	1387076.554	1039155.030	2.746
	435	174.5039	26.048	89.5545	1.70	ESTRUCTURA	1.51	150.3904	26.048	1387072.477	1039154.170	2.818
	436	172.1525	26.416	89.5608	1.70	ESTRUCTURA	1.51	147.8032	26.416	1387072.770	1039155.375	2.816
	437	31.2107	16.132	94.2605	1.70	LINDERO	1.51	6.8982	16.084	1387111.091	1039143.232	1.539
	438	293.4523	7.796	92.1321	1.70	ARBOL	1.51	269.3026	7.790	1387095.029	1039133.510	2.484
	439	288.0754	13.562	91.0111	1.70	PARAMENTO	1.51	263.6779	13.560	1387093.630	1039127.822	2.545
	440	242.5259	12.997	90.0515	1.70	POSTE	1.51	218.4293	12.997	1387084.942	1039133.222	2.766
	441	215.3730	9.978	90.2450	1.70	BORDE_VIA	1.51	191.1712	9.978	1387085.335	1039139.367	2.714
	442	173.0328	9.418	90.1224	1.70	BORDE_VIA	1.51	148.6040	9.418	1387087.084	1039146.206	2.752
	443	47.5502	4.910	90.1306	1.70	ARBOL	1.51	23.4634	4.910	1387099.627	1039143.255	2.768
	444	154.3121	7.064	91.3008	1.70	ARBOL	1.51	130.0687	7.062	1387090.578	1039146.704	2.601
	445	170.1801	14.531	89.3412	1.70	ARBOL	1.51	145.8465	14.531	1387083.099	1039149.458	2.895



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E11079-E11078	E11078	0.0000	79.588	89.4733	1.70	ESTACION	1.49	161.2568	79.579	1387019.765	1039166.871	2.891
	E11080	179.3547	51.763	89.4509	1.70	DELTA	1.49	160.8532	51.763	1386970.866	1039183.848	2.904
	446	0.0000	67.902	89.5021	1.70	LINEAMIENTO	1.49	341.2568	67.902	1387084.065	1039145.052	2.871
	447	0.0000	44.117	89.4906	1.70	LINEAMIENTO	1.49	341.2568	44.117	1387061.542	1039152.695	2.821
	448	0.0000	20.196	89.3625	1.70	LINEAMIENTO	1.49	341.2568	20.196	1387038.889	1039160.381	2.819
	449	0.0000	6.594	88.4014	1.70	LINEAMIENTO	1.49	341.2568	6.592	1387026.007	1039164.753	2.834
	450	61.3123	8.236	91.4311	1.70	LINDERO	1.49	42.7798	8.232	1387025.807	1039172.462	2.434
	451	79.5637	17.612	90.5329	1.70	LINDERO	1.49	61.2004	17.610	1387028.248	1039182.302	2.407
	452	114.0724	33.156	90.1010	1.70	PARAMENTO	1.49	95.3801	33.156	1387016.656	1039199.881	2.583
	453	103.4726	47.903	90.1053	1.70	POSTE	1.49	85.0473	47.903	1387023.900	1039214.595	2.529
	454	93.0007	34.930	90.0942	1.70	BORDE_VIA	1.49	74.2587	34.930	1387029.241	1039200.491	2.582
	455	99.5245	34.816	89.4921	1.70	BORDE_VIA	1.49	81.1359	34.816	1387025.129	1039201.271	2.789
	456	186.5422	41.861	89.4732	1.70	POSTE	1.49	168.1629	41.861	1386978.794	1039175.458	2.833
	457	339.3644	14.942	89.3455	1.70	POSTE	1.49	320.8690	14.942	1387031.355	1039157.441	2.790
	458	343.5247	26.542	89.2836	1.70	PARAMENTO	1.49	325.1365	26.541	1387041.542	1039151.699	2.923
	459	330.3901	24.327	89.5221	1.70	PARAMENTO	1.49	311.9070	24.327	1387036.013	1039148.766	2.735
	460	194.1839	33.821	89.2258	1.70	PARAMENTO	1.49	175.5676	33.819	1386986.047	1039169.484	3.045
	461	202.5749	32.309	89.0724	1.70	PARAMENTO	1.49	184.2204	32.305	1386987.547	1039164.493	3.175
	462	202.5707	30.599	89.0621	1.70	PARAMENTO	1.49	184.2087	30.595	1386989.252	1039164.625	3.158
	463	204.4917	28.739	89.0622	1.70	PARAMENTO	1.49	186.0782	28.736	1386991.191	1039163.828	3.129
	464	202.1215	22.074	91.2158	1.70	BORDE_CANO	1.49	183.4609	22.068	1386997.737	1039165.539	2.155
	465	204.2717	22.280	91.2157	1.70	BORDE_CANO	1.49	185.7115	22.274	1386997.602	1039164.654	2.150
	466	203.0830	22.060	92.0925	1.70	DESC_BATEA	1.49	184.3984	22.044	1386997.785	1039165.180	1.851
	467	203.0421	22.205	90.4235	1.70	DESC_CLAVE	1.49	184.3293	22.203	1386997.625	1039165.195	2.406
	468	214.0657	13.927	91.4219	1.70	BORDE_CANO	1.49	195.3726	13.921	1387006.342	1039163.180	2.266
	469	233.5722	9.121	93.0439	1.70	BORDE_CANO	1.49	215.2129	9.108	1387012.323	1039161.619	2.191
	470	296.0429	9.049	93.3005	1.70	BORDE_CANO	1.49	277.3315	9.032	1387020.917	1039157.913	2.128
	471	335.1556	21.594	91.3512	1.70	BORDE_CANO	1.49	316.5223	21.586	1387035.428	1039152.018	2.083
	472	330.4154	21.470	91.2323	1.70	BORDE_CANO	1.49	311.9551	21.464	1387034.114	1039150.909	2.160
	473	334.5225	24.763	91.0021	1.70	BORDE_CANO	1.49	316.1304	24.759	1387037.614	1039149.712	2.246
	474	47.3946	6.557	94.0019	1.70	BORDE_CANO	1.49	28.9195	6.541	1387025.490	1039170.034	2.223
	475	54.4514	7.609	93.2024	1.70	BORDE_CANO	1.49	36.0107	7.596	1387025.909	1039171.337	2.238
	476	115.3048	5.512	95.1608	1.70	BORDE_CANO	1.49	96.7701	5.489	1387019.118	1039172.321	2.175
	477	109.2751	6.412	95.1559	1.70	BORDE_CANO	1.49	90.7209	6.385	1387019.684	1039173.255	2.092
	478	331.4926	11.848	89.2630	1.70	ARBOL	1.49	313.0807	11.847	1387027.857	1039158.218	2.796
	479	307.0540	7.455	89.2033	1.70	ARBOL	1.49	288.3512	7.455	1387022.112	1039159.795	2.766



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	480	277.3523	5.892	88.4631	1.70	ARBOL	1.49	258.8465	5.891	1387018.625	1039161.091	2.807
	481	239.2511	6.573	88.1053	1.70	ARBOL	1.49	220.6765	6.570	1387014.782	1039162.589	2.889
	482	141.1610	5.862	88.1933	1.70	ARBOL	1.49	122.5262	5.859	1387016.614	1039171.811	2.852
	483	169.0756	14.340	89.4546	1.70	BORDE_VIA	1.49	150.3890	14.340	1387007.298	1039173.956	2.740
	484	191.1830	14.698	89.2845	1.70	BORDE_VIA	1.49	172.5651	14.697	1387005.191	1039168.773	2.814
E11080-E11079	E11079	0.0000	51.752	89.4649	1.70	ESTACION	1.47	160.8532	51.763	1386970.866	1039183.848	2.904
	E11081	179.3242	57.332	89.4935	1.70	DELTA	1.47	160.3982	57.332	1386916.856	1039203.082	2.848
	485	0.0000	38.102	89.4114	1.70	LINEAMIENT	1.47	340.8532	38.101	1387006.859	1039171.351	2.882
	486	0.0000	22.209	89.2348	1.70	LINEAMIENT	1.47	340.8532	22.208	1386991.845	1039176.564	2.908
	487	0.0000	6.565	87.4942	1.70	LINEAMIENT	1.47	340.8532	6.560	1386977.063	1039181.697	2.923
	488	322.2432	18.486	88.4601	1.70	PARAMENTO	1.47	303.2620	18.482	1386981.002	1039168.395	3.072
	489	314.3803	31.741	89.0131	1.70	PARAMENTO	1.47	295.4873	31.736	1386984.522	1039155.201	3.214
	490	307.1843	30.774	89.4155	1.70	BORDE_VIA	1.47	288.1651	30.774	1386980.459	1039154.609	2.836
	491	301.5723	30.380	89.4333	1.70	BORDE_VIA	1.47	282.8095	30.380	1386977.601	1039154.225	2.820
	492	296.3046	27.789	89.0121	1.70	PARAMENTO	1.47	277.3659	27.785	1386974.428	1039156.293	3.149
	493	293.5348	21.446	88.4213	1.70	PARAMENTO	1.47	274.7498	21.441	1386972.641	1039162.482	3.160
	494	284.1452	22.326	89.3628	1.70	PARAMENTO	1.47	265.1009	22.325	1386968.959	1039161.604	2.827
	495	197.2930	20.393	89.5933	1.70	POSTE	1.47	178.3448	20.393	1386950.481	1039184.437	2.677
	496	186.2256	19.063	89.3535	1.70	BORDE_VIA	1.47	167.2354	19.063	1386952.274	1039188.060	2.810
	497	172.3904	19.024	89.3139	1.70	BORDE_VIA	1.47	153.5043	19.023	1386953.840	1039192.335	2.831
	498	289.0303	4.680	88.1908	1.70	BORDE_VIA	1.47	269.9040	4.678	1386970.858	1039179.170	2.812
	499	329.4052	7.995	89.1210	1.70	BORDE_VIA	1.47	310.5343	7.994	1386976.061	1039177.773	2.786
	500	63.5444	4.488	89.2011	1.70	BORDE_VIA	1.47	44.7654	4.488	1386974.052	1039187.009	2.726
	501	122.0708	4.670	88.0452	1.70	BORDE_VIA	1.47	102.9720	4.667	1386969.818	1039188.397	2.831
	502	83.0456	14.955	89.2110	1.70	BORDE_VIA	1.47	63.9354	14.954	1386977.436	1039197.282	2.843
	503	96.2812	14.532	89.2519	1.70	BORDE_VIA	1.47	77.3232	14.531	1386974.054	1039198.025	2.821
	504	111.3825	26.441	89.1556	1.70	LINDERO	1.47	92.4934	26.439	1386969.715	1039210.262	3.013
	505	128.1225	21.586	89.0600	1.70	LINDERO	1.47	109.0601	21.583	1386963.817	1039204.248	3.013
	506	134.0658	10.124	92.3835	1.70	BORDE_CANO	1.47	114.9693	10.113	1386966.596	1039193.016	2.208
	507	137.3715	9.244	90.0630	1.70	BORDE_CANO	1.47	118.4740	9.244	1386966.458	1039191.974	2.657
	508	161.1657	16.649	90.3008	1.70	BORDE_CANO	1.47	142.1357	16.648	1386957.722	1039194.067	2.529
	509	163.4956	16.045	90.0037	1.70	BORDE_CANO	1.47	144.6854	16.045	1386957.773	1039193.123	2.672
	510	166.3335	19.421	89.3333	1.70	BORDE_CANO	1.47	147.4129	19.420	1386954.502	1039194.308	2.824
	511	169.5755	19.091	90.4045	1.70	BORDE_CANO	1.47	150.8184	19.090	1386954.199	1039193.156	2.448
	512	130.5835	7.848	88.5514	1.70	ESTRUCTURA	1.47	111.8295	7.847	1386967.948	1039191.132	2.822
	513	126.0648	8.789	88.5738	1.70	ESTRUCTURA	1.47	106.9665	8.788	1386968.301	1039192.253	2.834



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	514	126.2900	8.743	93.3151	1.70	ESTRUCTURA	1.47	107.3365	8.726	1386968.265	1039192.178	2.136
	515	129.5615	8.073	94.3347	1.70	ESTRUCTURA	1.47	110.7907	8.047	1386968.009	1039191.372	2.032
	516	72.5610	6.112	88.3800	1.70	ESTRUCTURA	1.47	53.7893	6.110	1386974.475	1039188.778	2.820
	517	75.0722	7.335	88.5401	1.70	ESTRUCTURA	1.47	55.9759	7.334	1386974.969	1039189.927	2.815
	518	74.1939	7.176	95.5329	1.70	ESTRUCTURA	1.47	55.1807	7.138	1386974.941	1039189.708	1.938
	519	72.4101	6.363	96.4908	1.70	ESTRUCTURA	1.47	53.5368	6.318	1386974.620	1039188.930	1.919
	520	42.4349	9.882	92.2422	1.70	BORDE_CANO	1.47	23.5834	9.873	1386979.914	1039187.799	2.260
	521	40.5314	9.306	92.3459	1.70	BORDE_CANO	1.47	21.7404	9.297	1386979.501	1039187.292	2.255
	522	118.1002	6.106	88.1209	1.70	ARBOL	1.47	99.0204	6.103	1386969.909	1039189.876	2.866
E11081-E11080	E11080	0.0000	57.323	89.4409	1.70	ESTACION	1.49	160.3982	57.332	1386916.856	1039203.082	2.848
	E11082	179.4250	58.461	89.3533	1.70	DELTA	1.49	160.1120	58.460	1386861.883	1039222.969	3.052
	523	0.0001	39.844	89.2951	1.70	LINEAMIENT	1.49	340.3984	39.842	1386954.390	1039189.716	2.986
	524	0.0000	21.024	89.2951	1.70	LINEAMIENT	1.49	340.3982	21.023	1386936.661	1039196.029	2.821
	525	0.0000	6.635	88.2153	1.70	LINEAMIENT	1.49	340.3982	6.632	1386923.104	1039200.857	2.826
	526	347.2331	34.913	90.1635	1.50	PARAMENTO	1.49	327.7901	34.913	1386946.396	1039184.473	2.668
	527	324.1805	16.474	90.0907	1.50	PARAMENTO	1.49	304.6995	16.474	1386926.235	1039189.538	2.792
	528	261.4525	9.866	90.3359	1.70	PARAMENTO	1.49	242.1551	9.866	1386912.248	1039194.359	2.539
	529	314.2040	20.689	88.4413	1.50	PARAMENTO	1.49	294.7426	20.684	1386925.514	1039184.297	3.292
	530	312.4253	24.324	88.1802	1.50	PARAMENTO	1.49	293.1129	24.313	1386926.400	1039180.720	3.558
	531	281.2654	14.575	84.5652	2.70	PARAMENTO	1.49	261.8465	14.518	1386914.797	1039188.711	2.920
	532	293.2920	21.510	89.0934	1.70	BORDE_VIA	1.49	273.8870	21.508	1386918.314	1039181.624	2.952
	533	303.3207	21.458	89.0934	1.70	BORDE_VIA	1.49	283.9334	21.456	1386922.023	1039182.258	2.951
	534	332.2739	9.811	89.2528	1.70	BORDE_VIA	1.49	312.8590	9.811	1386923.529	1039195.891	2.735
	535	288.2207	5.154	89.1205	1.70	BORDE_VIA	1.49	268.7668	5.153	1386916.745	1039197.930	2.708
	536	261.5713	3.687	90.5236	1.70	BORDE_VIA	1.49	242.3518	3.687	1386915.146	1039199.817	2.580
	537	209.4402	6.642	90.0121	1.70	BORDE_VIA	1.49	190.1320	6.642	1386910.318	1039201.914	2.634
	538	19.2342	51.336	88.2009	2.90	LINDERO	1.49	359.7932	51.314	1386968.170	1039202.897	2.927
	539	317.3928	9.822	89.3721	1.70	BORDE_VIA	1.49	298.0559	9.822	1386921.476	1039194.415	2.701
	540	347.2729	12.903	89.4857	1.70	BORDE_VIA	1.49	327.8562	12.903	1386927.782	1039196.217	2.678
	541	10.5216	12.316	89.4857	1.70	BORDE_VIA	1.49	351.2693	12.316	1386929.030	1039201.213	2.676
	542	259.4300	7.076	90.0212	1.70	POSTE	1.49	240.1148	7.076	1386913.331	1039196.947	2.632
	543	312.1918	12.124	89.2234	1.70	ESTRUCTURA	1.49	292.7198	12.123	1386921.539	1039191.900	2.768
	544	316.0019	11.168	89.2235	1.70	ESTRUCTURA	1.49	296.4034	11.167	1386921.822	1039193.080	2.758
	545	268.3653	9.009	89.1132	1.70	ESTRUCTURA	1.49	249.0129	9.008	1386913.630	1039194.672	2.763
	546	268.0546	7.827	89.0543	1.70	ESTRUCTURA	1.49	248.4943	7.826	1386913.987	1039195.801	2.760
	547	265.0230	8.447	89.4913	1.70	TUBO	1.49	245.4398	8.447	1386913.345	1039195.399	2.663



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	548	249.2928	9.067	90.2057	1.70	TUBO	1.49	229.8893	9.067	1386911.015	1039196.148	2.581
	549	234.0459	10.842	90.1820	1.70	TUBO	1.49	214.4812	10.842	1386907.919	1039196.944	2.578
	550	250.5112	11.353	89.3507	1.70	DES_DOMICI	1.49	231.2515	11.353	1386909.751	1039194.228	2.718
	551	257.0111	10.288	90.0640	1.70	DES_DOMICI	1.49	237.4179	10.288	1386911.316	1039194.413	2.616
	552	235.1929	16.361	90.4006	1.70	PARAMENTO	1.49	215.7229	16.360	1386903.575	1039193.530	2.445
	553	221.2303	22.833	90.0607	1.70	PARAMENTO	1.49	201.7823	22.833	1386895.654	1039194.609	2.596
	554	205.3236	21.341	89.5413	1.70	PARAMENTO	1.49	185.9415	21.341	1386895.630	1039200.873	2.672
	555	199.1856	31.640	89.3939	1.70	PARAMENTO	1.49	179.7137	31.639	1386885.217	1039203.240	2.823
	556	198.2345	32.040	89.4458	1.70	PARAMENTO	1.49	178.7940	32.040	1386884.824	1039203.757	2.776
	557	195.3403	31.112	89.5527	1.70	POSTE	1.49	175.9657	31.112	1386885.822	1039205.271	2.677
	558	5.1111	38.293	91.0033	1.70	BORDE_CANO	1.49	345.5845	38.287	1386953.938	1039193.551	1.962
	559	5.5623	38.110	91.0021	1.70	BORDE_CANO	1.49	346.3379	38.104	1386953.882	1039194.082	1.967
	560	6.1803	29.714	91.0021	1.70	BORDE_CANO	1.49	346.6990	29.709	1386945.769	1039196.247	2.115
	561	7.2644	29.815	90.5827	1.70	BORDE_CANO	1.49	347.8437	29.811	1386945.999	1039196.805	2.129
	562	13.5052	15.249	93.0013	1.70	BORDE_CANO	1.49	354.2459	15.228	1386932.008	1039201.555	1.837
	563	15.5704	15.378	93.0012	1.70	BORDE_CANO	1.49	356.3493	15.357	1386932.182	1039202.104	1.830
	564	169.3124	19.027	91.3642	1.70	BORDE_CANO	1.49	149.9215	19.019	1386900.398	1039212.614	2.101
	565	167.3821	18.946	91.3731	1.70	BORDE_CANO	1.49	148.0373	18.938	1386900.789	1039213.107	2.099
	566	175.0900	34.392	90.4224	1.70	BORDE_CANO	1.49	155.5482	34.389	1386885.551	1039217.317	2.212
	567	174.1044	34.461	90.5756	1.70	BORDE_CANO	1.49	154.5770	34.456	1386885.737	1039217.874	2.055
	568	125.1443	19.162	88.4514	1.70	LINDERO	1.49	105.6434	19.157	1386911.691	1039221.530	3.053
	569	151.4840	11.179	88.2919	1.70	ARBOL	1.49	132.2093	11.175	1386909.349	1039211.360	2.931
	570	105.1150	5.525	86.5619	1.70	ARBOL	1.49	85.5954	5.517	1386917.280	1039208.583	2.931
	571	41.2050	8.628	88.3416	1.70	ARBOL	1.49	21.7454	8.625	1386924.868	1039206.278	2.851
	572	337.2412	13.283	89.1315	1.70	ARBOL	1.49	317.8015	13.282	1386926.696	1039194.161	2.817
E11082-E11081	E11081	0.0000	58.440	90.0204	1.70	ESTACION	1.52	160.1120	58.460	1386861.883	1039222.969	3.052
	E11077	179.1634	78.006	89.5816	1.70	DELTA	1.52	159.3882	78.006	1386788.871	1039250.430	2.906
	573	0.0000	44.298	89.5340	1.70	LINEAMIENTO	1.52	340.1120	44.298	1386903.539	1039207.900	2.949
	574	0.0000	25.888	89.5606	1.70	LINEAMIENTO	1.52	340.1120	25.888	1386886.227	1039214.162	2.896
	575	0.0000	7.248	90.1053	1.70	LINEAMIENTO	1.52	340.1120	7.248	1386868.699	1039220.503	2.844
	576	325.1301	19.569	90.3808	1.70	PARAMENTO	1.52	305.3290	19.568	1386873.199	1039207.005	2.650
	577	333.1722	24.057	89.5349	1.70	PARAMENTO	1.52	313.4015	24.057	1386878.413	1039205.490	2.910
	578	318.1650	22.869	90.3134	1.70	PARAMENTO	1.52	298.3926	22.868	1386872.757	1039202.852	2.657
	579	278.3153	24.616	90.2335	1.70	PARAMENTO	1.52	258.6434	24.615	1386857.036	1039198.836	2.698
	580	259.1608	29.679	90.3410	1.70	PARAMENTO	1.52	239.3809	29.678	1386846.768	1039197.429	2.572
	581	301.1425	22.046	90.2518	1.70	BORDE_VIA	1.52	281.3523	22.045	1386866.223	1039201.355	2.705



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	582	290.0559	22.642	90.3508	1.70	BORDE_VIA	1.52	270.2118	22.641	1386861.967	1039200.328	2.636
	583	304.1855	12.473	90.3721	1.70	BORDE_VIA	1.52	284.4273	12.472	1386864.991	1039210.890	2.731
	584	284.5405	11.469	90.4821	1.70	BORDE_VIA	1.52	265.0134	11.468	1386860.887	1039211.545	2.706
	585	281.5741	22.686	90.1959	1.70	POSTE	1.52	262.0734	22.686	1386858.755	1039200.500	2.735
	586	290.3651	42.198	90.0423	1.70	POSTE	1.52	270.7262	42.198	1386862.418	1039180.774	2.813
	587	288.5352	57.486	88.4123	2.90	PARAMENTO	1.52	269.0098	57.471	1386860.890	1039165.507	2.981
	588	315.5402	11.542	90.5113	1.70	ESTRUCTURA	1.52	296.0126	11.541	1386866.945	1039212.597	2.695
	589	311.5023	12.436	90.4839	1.70	ESTRUCTURA	1.52	291.9518	12.435	1386866.532	1039211.436	2.691
	590	270.1349	7.976	91.1348	1.70	ESTRUCTURA	1.52	250.3423	7.974	1386859.201	1039215.460	2.696
	591	270.3915	9.208	91.0640	1.70	ESTRUCTURA	1.52	250.7662	9.206	1386858.851	1039214.277	2.688
	592	337.3758	8.815	91.0028	1.70	BORDE_VIA	1.52	317.7448	8.814	1386868.407	1039217.042	2.712
	593	262.5305	4.114	90.1719	1.70	BORDE_VIA	1.52	242.9968	4.114	1386860.016	1039219.304	2.846
	594	345.4546	12.812	90.0025	1.70	BORDE_VIA	1.52	325.8748	12.812	1386872.489	1039215.781	2.865
	595	5.1138	13.204	90.4206	1.70	BORDE_VIA	1.52	345.3059	13.203	1386874.655	1039219.620	2.705
	596	228.5538	8.329	91.2641	1.70	POSTE	1.52	209.0393	8.326	1386854.604	1039218.927	2.657
	597	221.2215	16.957	88.2430	1.70	PARAMENTO	1.52	201.4829	16.950	1386846.111	1039216.761	3.338
	598	213.5513	26.280	89.0628	1.70	PARAMENTO	1.52	194.0323	26.277	1386836.391	1039216.598	3.276
	599	209.4126	25.961	89.3019	1.70	PARAMENTO	1.52	189.8026	25.960	1386836.302	1039218.549	3.091
	600	261.3450	3.617	89.4019	1.70	MANHOLE	1.52	241.6926	3.617	1386860.168	1039219.785	2.888
	601	125.0532	3.880	94.4032	1.70	BORDE_CANO	1.52	105.2043	3.867	1386860.869	1039226.701	2.551
	602	120.1330	4.652	94.2320	1.70	BORDE_CANO	1.52	100.3370	4.638	1386861.051	1039227.532	2.511
	603	111.5718	15.391	89.1928	1.70	LINDERO	1.52	92.0670	15.390	1386861.328	1039238.349	3.048
	604	145.5434	8.810	88.4434	1.70	ARBOL	1.52	126.0215	8.808	1386856.704	1039230.093	3.060
	605	81.3243	5.342	84.1017	1.70	ARBOL	1.52	61.6573	5.314	1386864.406	1039227.646	3.409
E11077-E11082	E11082	0.0001	77.991	89.4551	1.70	ESTACION	1.50	159.3882	78.006	1386788.871	1039250.430	2.906
	E11070	207.4214	126.103	89.5625	1.70	DELTA	1.50	187.0920	126.103	1386663.733	1039234.861	2.840
	EAUX_2	105.1336	81.000	89.4104	1.70	DELTA	1.50	84.6148	80.999	1386796.473	1039331.071	3.154
	606	0.0000	75.403	89.4500	1.70	LINEAMIENT	1.50	339.3882	75.402	1386859.446	1039223.886	3.037
	607	0.0000	50.677	89.4954	1.70	LINEAMIENT	1.50	339.3882	50.677	1386836.304	1039232.590	2.857
	608	0.0000	36.250	89.4337	1.70	LINEAMIENT	1.50	339.3882	36.250	1386822.800	1039237.669	2.881
	609	0.0000	19.252	89.2750	1.70	LINEAMIENT	1.50	339.3882	19.251	1386806.890	1039243.653	2.888
	610	359.5959	5.886	88.0753	1.70	LINEAMIENT	1.50	339.3879	5.883	1386794.377	1039248.359	2.900
	611	207.4214	114.755	90.0005	1.70	LINEAMIENT	1.50	187.0920	114.755	1386674.994	1039236.262	2.705
	612	207.4214	103.407	89.5507	1.70	LINEAMIENT	1.50	187.0920	103.407	1386686.255	1039237.663	2.855
	613	207.4214	93.474	89.5508	1.70	LINEAMIENT	1.50	187.0920	93.474	1386696.112	1039238.889	2.841
	614	207.4214	82.690	89.5508	1.70	LINEAMIENT	1.50	187.0920	82.690	1386706.814	1039240.221	2.825



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	615	207.4214	71.261	89.5134	1.70	LINEAMIENT	1.50	187.0920	71.261	1386718.155	1039241.632	2.883
	616	207.4214	59.901	89.4535	1.70	LINEAMIENT	1.50	187.0920	59.900	1386729.429	1039243.034	2.959
	617	207.4216	47.049	89.3704	1.70	LINEAMIENT	1.50	187.0926	47.048	1386742.183	1039244.621	3.022
	618	207.4214	30.980	89.1811	1.70	LINEAMIENT	1.50	187.0920	30.978	1386758.130	1039246.605	3.085
	619	207.4213	19.660	88.5620	1.70	LINEAMIENT	1.50	187.0918	19.657	1386769.365	1039248.003	3.072
	620	207.4214	10.864	88.1639	1.70	LINEAMIENT	1.50	187.0920	10.859	1386778.095	1039249.089	3.035
	621	207.4214	4.406	87.5446	1.70	LINEAMIENT	1.50	187.0920	4.403	1386784.501	1039249.886	2.869
	622	235.1200	17.745	90.0916	1.70	PARAMENTO	1.50	214.5882	17.745	1386774.262	1039240.357	2.660
	623	279.2627	49.730	90.1627	1.70	PARAMENTO	1.50	258.8290	49.729	1386779.236	1039201.643	2.470
	624	297.4837	45.078	89.4121	1.70	POSTE	1.50	277.1984	45.077	1386794.519	1039205.708	2.953
	625	303.0234	38.733	89.3854	1.70	PARAMENTO	1.50	282.4309	38.732	1386797.208	1039212.606	2.946
	626	292.5148	23.886	88.2856	2.00	POSTE	1.50	272.2515	23.878	1386789.809	1039226.571	3.041
	627	338.3555	49.788	89.1217	1.70	PARAMENTO	1.50	317.9868	49.783	1386825.859	1039217.110	3.399
	628	331.5404	44.859	89.0732	1.70	PARAMENTO	1.50	311.2893	44.854	1386818.468	1039216.727	3.393
	629	351.5023	38.179	89.3025	1.70	POSTE	1.50	331.2279	38.178	1386822.335	1039232.054	3.037
	630	351.4524	21.125	89.5213	1.70	BORDE_VIA	1.50	331.1448	21.125	1386807.373	1039240.235	2.756
	631	6.2056	19.594	89.5349	1.70	BORDE_VIA	1.50	345.7370	19.594	1386807.861	1039245.602	2.744
	632	123.0520	3.827	86.3249	1.70	POSTE	1.50	102.4770	3.820	1386788.046	1039254.160	2.939
	633	261.5200	7.441	88.3938	1.70	BORDE_VIA	1.50	241.2548	7.439	1386785.293	1039243.908	2.882
	634	278.5343	13.658	88.5436	1.70	BORDE_VIA	1.50	258.2834	13.656	1386786.098	1039237.059	2.968
	635	255.1425	16.231	89.1133	1.70	BORDE_VIA	1.50	234.6284	16.229	1386779.476	1039237.196	2.937
	636	231.0340	12.374	89.3023	1.70	BORDE_VIA	1.50	210.4493	12.374	1386778.204	1039244.159	2.815
	637	219.4738	19.230	89.0520	1.70	BORDE_VIA	1.50	199.1820	19.228	1386770.711	1039244.112	3.014
	638	201.4847	19.274	89.0630	1.70	BORDE_VIA	1.50	181.2012	19.272	1386769.603	1039250.026	3.008
	639	195.2131	11.436	88.5112	1.70	BORDE_VIA	1.50	174.7468	11.434	1386777.485	1039251.477	2.937
	640	154.4712	17.599	89.1725	1.70	BORDE_VIA	1.50	134.1748	17.598	1386776.608	1039263.051	2.926
	641	137.3607	13.589	89.0209	1.70	BORDE_VIA	1.50	116.9901	13.587	1386782.705	1039262.537	2.937
	642	179.2758	16.947	90.1710	1.70	POSTE	1.50	158.8543	16.947	1386773.065	1039256.543	2.624
	643	184.0703	21.783	90.2215	1.70	PARAMENTO	1.50	163.5057	21.783	1386767.985	1039256.614	2.567
	644	138.3648	29.786	89.5515	1.70	PARAMENTO	1.50	118.0015	29.786	1386774.887	1039276.729	2.749
	645	114.5452	25.686	89.0143	1.70	POSTE	1.50	94.3026	25.682	1386786.944	1039276.040	3.144
	646	179.2806	4.542	87.3258	1.70	CAMA_TELEF	1.50	158.8565	4.538	1386784.638	1039252.067	2.902
	647	224.2602	8.432	88.0608	1.70	MANHOLE	1.50	203.8220	8.427	1386781.161	1039247.026	2.988
	648	243.2338	3.456	87.0544	1.70	MANHOLE	1.50	222.7820	3.452	1386786.338	1039248.086	2.883
EAUX_2-E11077	E11077	0.0000	80.978	90.0044	1.70	ESTACION	1.45	84.6148	80.999	1386796.473	1039331.071	3.154
	EAUX_3	177.4020	133.542	89.4648	1.70	DELTA	1.45	82.2870	133.541	1386814.395	1039463.404	3.419



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	649	29.0322	88.762	89.5025	1.70	LINDERO	1.45	293.6709	88.762	1386832.109	1039249.777	3.154
	650	184.2533	66.590	90.0455	1.70	PARAMENTO	1.45	89.0407	66.590	1386797.588	1039397.652	2.811
	651	183.2750	62.288	89.5218	1.70	POSTE	1.45	88.0787	62.288	1386798.561	1039393.324	3.046
	652	175.0913	44.457	89.4029	1.70	POSTE	1.45	79.7684	44.456	1386804.369	1039374.820	3.159
	653	346.3445	77.974	90.0228	1.70	PARAMENTO	1.45	251.1940	77.974	1386771.337	1039257.260	2.850
	654	349.0555	5.829	87.0822	1.70	POSTE	1.45	253.7134	5.822	1386794.840	1039325.483	3.197
	655	167.2926	14.204	89.2418	1.70	MANHOLE	1.45	72.1054	14.203	1386800.837	1039344.587	3.054
	656	301.5926	11.803	89.5642	1.70	POSTE	1.45	206.6054	11.803	1386785.919	1039325.785	2.918
	657	160.1337	25.385	89.4008	1.70	SUMIDERO	1.45	64.8418	25.385	1386807.264	1039354.048	3.053
	658	159.3747	26.183	89.4234	1.70	SUMIDERO	1.45	64.2445	26.183	1386807.850	1039354.653	3.039
	659	151.3940	24.912	88.5145	1.70	LINDERO	1.45	56.2759	24.907	1386810.301	1039351.787	3.401
	660	146.2244	25.393	88.5524	1.70	LINDERO	1.45	50.9937	25.389	1386812.452	1039350.800	3.384
	661	142.5749	23.543	89.4346	1.70	LINDERO	1.45	47.5784	23.543	1386812.354	1039348.450	3.018
	662	180.0842	22.622	89.3303	1.70	BORDE_VIA	1.45	84.7598	22.621	1386798.539	1039353.598	3.084
	663	158.5404	20.456	89.4039	1.70	BORDE_VIA	1.45	63.5159	20.456	1386805.595	1039349.380	3.022
	664	150.5300	14.562	89.2959	1.70	BORDE_VIA	1.45	55.4982	14.561	1386804.721	1039343.071	3.034
	665	185.4010	13.495	89.1405	1.70	BORDE_VIA	1.45	90.2843	13.494	1386796.406	1039344.565	3.087
	666	129.0703	17.829	88.3545	1.70	PARAMENTO	1.45	33.7323	17.824	1386811.296	1039340.969	3.343
	667	125.2536	15.559	88.1942	1.70	PARAMENTO	1.45	30.0415	15.552	1386809.936	1039338.857	3.360
	668	117.2934	13.905	88.0646	1.70	PARAMENTO	1.45	22.1076	13.897	1386809.348	1039336.301	3.364
	669	110.0921	17.397	88.3147	1.70	PARAMENTO	1.45	14.7707	17.391	1386813.289	1039335.505	3.353
	670	107.2234	12.677	87.4813	1.70	LINDERO	1.45	11.9909	12.668	1386808.864	1039333.703	3.392
	671	90.0546	50.216	89.4055	1.70	LINDERO	1.45	354.7109	50.215	1386846.474	1039326.442	3.185
	672	256.1458	2.964	86.3211	1.70	BORDE_VIA	1.45	160.8643	2.959	1386793.678	1039332.041	3.085
	673	265.3927	8.196	88.2958	1.70	BORDE_VIA	1.45	170.2723	8.193	1386788.397	1039332.456	3.121
EAUX_3-EAUX_2	EAUX_2	0.0000	133.521	90.0229	1.70	ESTACION	1.51	82.2870	133.541	1386814.395	1039463.404	3.419
	EAUX_4	176.5044	91.307	89.4458	1.70	DELTA	1.51	79.1326	91.306	1386831.610	1039553.073	3.629
	674	60.1957	19.731	89.1809	1.70	LINDERO	1.51	322.6195	19.730	1386830.073	1039451.426	3.470
	675	60.3222	19.169	89.5224	1.70	SUMIDERO	1.51	322.8265	19.169	1386829.669	1039451.822	3.273
	676	58.2916	18.842	89.5224	1.70	SUMIDERO	1.51	320.7748	18.842	1386828.991	1039451.489	3.272
	677	68.1223	21.227	89.5618	1.70	MANHOLE	1.51	330.4934	21.227	1386832.869	1039452.949	3.253
	678	71.5240	17.182	89.4155	1.70	MANHOLE	1.51	334.1648	17.182	1386829.860	1039455.916	3.321
	679	69.2001	28.525	89.3730	1.70	LINDERO	1.51	331.6207	28.524	1386839.492	1039449.846	3.417
	680	54.0351	16.002	89.4537	1.70	BORDE_VIA	1.51	316.3512	16.002	1386825.974	1039452.359	3.297
	681	80.4456	13.261	89.4152	1.70	BORDE_VIA	1.51	343.0359	13.261	1386827.079	1039459.535	3.300
	682	79.5208	6.054	88.4534	1.70	BORDE_VIA	1.51	342.1559	6.053	1386820.157	1039461.549	3.361



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	683	29.2655	10.168	89.1913	1.70	BORDE_VIA	1.51	291.7357	10.167	1386818.160	1039453.960	3.351
	684	7.0304	39.768	89.3954	1.70	POSTE	1.51	269.3382	39.767	1386813.936	1039423.639	3.463
	685	345.3659	61.122	90.2054	1.70	BORDE_VIA	1.51	247.9034	61.121	1386791.403	1039406.772	2.859
	686	343.4410	54.722	90.1009	1.70	BORDE_VIA	1.51	246.0232	54.722	1386792.158	1039413.404	3.069
	687	356.0220	51.921	90.0425	1.70	BORDE_VIA	1.51	258.3259	51.921	1386803.889	1039412.557	3.163
	688	356.0134	60.996	90.0324	1.70	BORDE_VIA	1.51	258.3132	60.996	1386802.040	1039403.673	3.170
	689	342.5058	30.043	90.5631	1.70	PARAMENTO	1.51	245.1365	30.039	1386801.765	1039436.149	2.736
	690	199.4428	19.793	91.3059	1.70	PARAMENTO	1.51	102.0282	19.786	1386810.272	1039482.756	2.706
	691	192.3450	28.510	90.2155	1.70	PARAMENTO	1.51	94.8676	28.509	1386811.976	1039491.811	3.048
	692	178.0108	28.004	89.4431	1.70	BORDE_VIA	1.51	80.3059	28.004	1386819.111	1039491.008	3.356
	693	178.2518	18.546	89.4712	1.70	BORDE_VIA	1.51	80.7087	18.546	1386817.390	1039481.707	3.299
	694	133.5757	10.644	88.5114	1.70	POSTE	1.51	36.2529	10.642	1386822.977	1039469.697	3.443
	695	168.0747	46.803	89.3743	1.70	POSTE	1.51	70.4168	46.802	1386830.082	1039507.499	3.534
	696	172.1746	84.201	89.4854	1.70	POSTE	1.51	74.5832	84.201	1386836.779	1039544.575	3.502
EAUX_4-EAUX_3	EAUX_3	0.0000	91.301	89.5935	1.70	ESTACION	1.47	79.1326	91.306	1386831.610	1039553.073	3.629
	EAUX_5	177.4113	90.230	89.4255	1.70	DELTA	1.47	76.8195	90.229	1386852.184	1039640.925	3.851
	697	38.3525	14.709	88.5841	1.70	MANHOLE	1.47	297.7229	14.707	1386838.451	1039540.054	3.665
	698	32.2149	9.556	89.0328	1.70	BORDE_VIA	1.47	291.4962	9.555	1386835.111	1039544.183	3.560
	699	354.4450	6.771	88.3346	1.70	BORDE_VIA	1.47	253.8798	6.769	1386829.730	1039546.570	3.572
	700	190.3556	46.340	90.1645	1.70	PARAMENTO	1.47	89.7315	46.339	1386831.827	1039599.412	3.177
	701	193.5948	46.870	89.1202	2.60	PARAMENTO	1.47	93.1293	46.865	1386829.051	1039599.868	3.156
	702	191.1314	60.712	89.1937	2.60	PARAMENTO	1.47	90.3532	60.708	1386831.236	1039613.779	3.216
	703	188.1546	60.375	90.1234	1.70	PARAMENTO	1.47	87.3954	60.375	1386834.353	1039613.385	3.182
	704	190.3446	57.188	90.1206	1.70	POSTE	1.47	89.7120	57.188	1386831.897	1039610.260	3.201
	705	168.0055	31.731	89.3637	1.70	POSTE	1.47	67.1479	31.730	1386843.932	1039582.312	3.618
	706	174.4400	69.653	89.5302	1.70	POSTE	1.47	73.8659	69.653	1386850.965	1039619.982	3.544
	707	172.4740	70.178	90.1546	1.70	LINDERO	1.47	71.9270	70.177	1386853.381	1039619.788	3.081
	708	174.0534	70.450	90.0416	1.70	LINDERO	1.47	73.2254	70.450	1386851.942	1039620.525	3.315
	709	175.5158	68.669	89.4145	1.70	BORDE_VIA	1.47	74.9987	68.668	1386849.384	1039619.400	3.767
	710	180.3218	68.243	89.4557	1.70	BORDE_VIA	1.47	79.6709	68.242	1386843.846	1039620.209	3.681
	711	175.0923	60.994	89.4010	1.70	BORDE_VIA	1.47	74.2890	60.993	1386848.126	1039611.787	3.754
	712	174.4620	57.184	89.3854	1.70	BORDE_VIA	1.47	73.9048	57.183	1386847.463	1039608.014	3.753
	713	161.5933	59.186	89.5936	1.70	BORDE_VIA	1.47	61.1251	59.186	1386860.191	1039604.900	3.409
	714	161.3751	56.298	90.0337	1.70	BORDE_VIA	1.47	60.7634	56.298	1386859.107	1039602.199	3.343
	715	180.4540	51.149	89.4319	1.70	BORDE_VIA	1.47	79.8937	51.148	1386840.585	1039603.427	3.651
	716	180.4022	58.695	89.4446	1.70	BORDE_VIA	1.47	79.8054	58.694	1386841.998	1039610.840	3.663



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
EAUX_5-EAUX_4	EAUX_4	0.0000	90.229	89.5950	1.70	ESTACION	1.45	76.8195	90.229	1386852.184	1039640.925	3.851
	717	175.3247	5.356	87.3600	1.70	BORDE_VIA	1.45	72.3659	5.351	1386853.805	1039646.024	3.820
	718	220.3248	7.117	88.2832	1.70	BORDE_VIA	1.45	117.3662	7.114	1386848.913	1039647.243	3.785
	719	221.1923	9.065	88.4516	1.70	ARBOL	1.45	118.1426	9.063	1386847.909	1039648.916	3.793
	720	143.4502	4.892	93.5001	1.70	LINDERO	1.45	40.5701	4.881	1386855.891	1039644.099	3.269
	721	261.1641	12.805	92.5141	1.70	PARAMENTO	1.45	158.0976	12.789	1386840.318	1039645.695	2.957
	722	201.5822	37.798	90.5631	1.70	PARAMENTO	1.45	98.7923	37.793	1386846.407	1039678.273	2.974
EAUX_5-EAUX_4	EAUX_4	0.0000	90.230	90.0049	1.70	ESTACION	1.46	76.8195	90.229	1386852.184	1039640.925	3.851
	E11060	182.3057	154.840	89.2725	1.70	DELTA	1.46	79.3354	154.833	1386880.837	1039793.083	5.081
E11060-EAUX_5	EAUX_5	0.0000	154.819	90.2145	1.70	ESTACION	1.44	79.3354	154.833	1386880.837	1039793.083	5.081
	11061	338.5449	17.266	92.0736	1.70	DELTA	1.44	238.2490	17.254	1386871.757	1039778.411	4.180
	723	58.1220	7.318	94.0735	0.09	CJ_AGUA	1.44	317.5409	7.299	1386886.222	1039788.156	5.909
	724	56.2126	7.331	94.0735	0.09	CJ_AGUA	1.44	315.6926	7.312	1386886.070	1039787.976	5.908
	725	56.3652	7.654	94.0156	0.09	CJ_AGUA	1.44	315.9498	7.635	1386886.325	1039787.775	5.897
	726	58.2001	7.631	93.5934	0.09	CJ_AGUA	1.44	317.6690	7.612	1386886.465	1039787.957	5.904
	727	63.4945	24.902	89.1020	1.70	POSTE	1.44	323.1645	24.899	1386900.766	1039778.156	5.180
	728	67.5046	15.831	88.3100	1.70	SEMAFORO	1.44	327.1815	15.826	1386894.137	1039784.506	5.230
	729	68.5305	19.485	88.1534	1.70	BORDE_VIA	1.44	328.2201	19.476	1386897.393	1039782.826	5.412
	730	88.5403	22.221	89.2324	1.70	BORDE_VIA	1.44	348.2362	22.220	1386902.590	1039788.553	5.057
	731	112.0644	19.211	91.1434	1.70	PARAMENTO	1.44	11.4476	19.206	1386899.661	1039796.895	4.404
	732	126.3537	20.122	92.0047	1.70	PARAMENTO	1.44	25.9290	20.110	1386898.922	1039801.876	4.114
	733	129.0303	19.744	91.5753	1.70	PARAMENTO	1.44	28.3862	19.732	1386898.197	1039802.464	4.143
	734	144.1828	18.970	92.0743	1.70	PARAMENTO	1.44	43.6432	18.957	1386894.555	1039806.167	4.116
	735	161.4722	17.554	92.3053	1.70	PARAMENTO	1.44	61.1248	17.537	1386889.306	1039808.440	4.050
	736	166.3233	16.590	91.1708	1.70	LINDERO	1.44	65.8779	16.586	1386887.615	1039808.221	4.448
	737	189.0213	22.012	92.3245	1.70	LINDERO	1.44	88.3723	21.990	1386881.462	1039815.065	3.843
	738	171.0615	14.992	89.5452	1.70	POSTE	1.44	70.4395	14.992	1386885.856	1039807.210	4.843
	739	169.3941	15.212	90.2843	1.70	POSTE	1.44	68.9968	15.211	1386886.289	1039807.284	4.693
	740	235.1421	30.708	89.5742	1.70	BORDE_VIA	1.44	134.5745	30.708	1386859.285	1039814.958	4.841
	741	234.4634	35.924	90.0740	1.70	BORDE_VIA	1.44	134.1115	35.924	1386855.832	1039818.876	4.740
	742	227.2631	24.677	89.0714	1.70	BORDE_VIA	1.44	126.7773	24.674	1386866.064	1039812.846	5.199
	743	228.4536	39.028	89.2942	1.70	BORDE_VIA	1.44	128.0954	39.026	1386856.759	1039823.797	5.164
	744	62.0907	13.347	91.0920	1.70	LINDERO	1.44	321.4873	13.344	1386891.279	1039784.774	4.551
	745	62.1636	26.259	90.4740	1.70	LINDERO	1.44	321.6120	26.256	1386901.417	1039776.778	4.456



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COMISION C
INGENIERA CAROLINA MOSQUERA



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
ETUR_06		0.0000				ESTACION		0.0000		1387243.350	1038381.372	1.194
ETUR_01	ETUR_06	0.0000	55.572	89.3951	1.70	ESTACION	1.26	43.8103		1387283.453	1038419.843	1.455
	E12002	177.0622	37.567	89.4757	1.70	DELTA	1.26	40.9164	37.567	1387311.841	1038444.448	1.142
E12002-ETUR_01	ETUR_01	0.0000	37.564	89.0655	1.70	ESTACION	1.42	40.9164	37.567	1387311.841	1038444.448	1.142
	E12001	305.4412	61.312	89.2814	1.70	DELTA	1.42	166.6531	61.309	1387252.187	1038458.601	1.431
E12001-E12002	E12002	0.0000	61.303	90.0222	1.70	ESTACION	1.43	166.6531	61.309	1387252.187	1038458.601	1.431
	E12003	166.3720	54.667	90.0456	1.70	DELTA	1.43	153.2753	54.667	1387203.360	1038483.185	1.085
E12003-E12001	E12001	0.0000	54.678	89.1323	1.70	ESTACION	1.41	153.2753	54.667	1387203.360	1038483.185	1.085
	E12004	93.0552	66.352	89.2944	1.70	DELTA	1.41	66.3731	66.349	1387229.952	1038543.972	1.381
E12004-E12003	E12003	0.0000	66.36	89.5610	1.70	ESTACION	1.44	66.3731	66.349	1387229.952	1038543.972	1.381
	E12005	187.0916	338.401	89.5041	1.70	DELTA	1.44	73.5276	338.400	1387325.906	1038868.483	2.034
	E12006	91.2840	108.874	89.4246	1.70	DELTA	1.44	337.8509	108.873	1387330.790	1038502.925	1.663
E12005-E12004	E12004	0.0000	338.415	90.0446	1.70	ESTACION	1.48	73.5276	338.400	1387325.906	1038868.483	2.034
	E12008	173.5115	187.019	89.5105	1.70	DELTA	1.48	67.3817	187.018	1387397.832	1039041.117	2.296
	E12007	87.3917	105.697	89.4527	1.70	DELTA	1.48	341.1823	105.696	1387425.953	1038834.390	2.258
E12008-E12005	E12005	0.0000	187.036	89.5123	1.70	ESTACION	1.45	67.3817	187.018	1387397.832	1039041.117	2.296
	E12010	186.3143	108.696	89.3332	1.70	DELTA	1.45	73.9103	108.693	1387427.955	1039145.552	2.881
	E12009	95.2109	86.97	89.4319	1.70	DELTA	1.45	342.7342	86.969	1387480.882	1039015.304	2.466
E12010-E12008	E12008	0.0000	108.698	90.0232	1.70	ESTACION	1.43	73.9103	108.693	1387427.955	1039145.552	2.881
	E12011	82.0945	94.803	89.5505	1.70	DELTA	1.43	336.0728	94.803	1387514.611	1039107.103	2.751
	E11026	257.4819	4.682	87.2648	1.70	DELTA	1.43	151.7156	4.677	1387423.836	1039147.769	2.824
E11026-E12010	E12010	0.0000	4.695	86.1849	1.70	ESTACION	1.45	151.7156	4.677	1387423.836	1039147.769	2.824
	E11027	98.2826	67.429	89.4604	1.70	DELTA	1.45	70.1895	67.428	1387446.688	1039211.207	2.851
E11027-E11026	E11026	0.0000	67.432	89.5116	1.70	ESTACION	1.48	70.1895	67.428	1387446.688	1039211.207	2.851
	E12012	180.2231	71.273	89.4409	1.70	DELTA	1.48	70.5648	71.272	1387470.403	1039278.418	2.958
	E11000	215.2642	8.703	89.0207	1.70	DELTA	1.48	105.6345	8.702	1387444.343	1039219.586	2.776
E12012-E11027	E11027	0.0000	71.307	89.5310	1.70	ESTACION	1.42	70.5648	71.272	1387470.403	1039278.418	2.958
	E12013	91.0418	102.942	89.5620	1.70	DELTA	1.42	341.6364	102.942	1387568.103	1039245.986	2.790
E12013-E12012	E12012	0.0000	102.964	89.4756	1.70	ESTACION	1.44	341.6364	102.942	1387568.103	1039245.986	2.790
	E12014	84.5852	67.152	89.3604	1.70	DELTA	1.44	246.6176	67.150	1387541.453	1039184.351	2.999
	ETUR_04	286.2150	65.088	89.4637	1.70	MOJON	1.44	88.0003	65.088	1387570.374	1039311.034	2.785
	E12015	183.0421	191.143	89.5346	1.70	DELTA	1.44	344.7089	191.143	1387752.479	1039195.578	2.878
E12015-E12013	E12013	0.0000	191.164	89.5856	1.70	ESTACION	1.45	344.7089	191.143	1387752.479	1039195.578	2.878
	E12016	80.3010	115.044	90.0343	1.70	DELTA	1.45	245.2117	115.044	1387704.245	1039091.134	2.499
	EAUX_6	179.1051	105.032	89.5318	1.70	DELTA	1.45	343.8898	105.032	1387853.386	1039166.433	2.829
EAUX_6-E12015	E12015	0.0000	105.031	89.5100	1.70	ESTACION	1.45	343.8898	105.032	1387853.386	1039166.433	2.829



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	E13000	182.2447	101.171	90.0541	1.70	DELTA	1.45	346.3028	101.171	1387951.680	1039142.477	2.407
	E13001	181.1055	73.134	89.4523	1.70	DELTA	1.45	345.0717	73.133	1387924.051	1039147.593	2.885
E13001-EAUX_6	EAUX_6	0.0000	73.144	89.5201	1.70	ESTACION	1.44	345.0717	73.133	1387924.051	1039147.593	2.885
	E13003	86.1001	82.91	90.0854	1.70	DELTA	1.44	251.2387	82.910	1387897.385	1039069.089	2.411
E13003-E13001	E13001	0.0000	82.93	89.3421	1.70	ESTACION	1.49	251.2387	82.910	1387897.385	1039069.089	2.411
	E12017	88.0259	188.016	89.5809	1.70	DELTA	1.49	159.2884	188.016	1387721.520	1039135.583	2.304
E12017-E13003	E13003	0.0000	188.038	89.5516	1.70	ESTACION	1.47	159.2884	188.016	1387721.520	1039135.583	2.304
	E12018	181.5516	117.112	89.4418	1.70	DELTA	1.47	161.2095	117.111	1387610.651	1039173.305	2.608
	E12015	83.2357	67.52	89.2558	1.70	DELTA	1.47	62.6876	67.517	1387752.500	1039195.573	2.741
E12018-E12017	E12017	0.0000	117.123	90.0114	1.70	ESTACION	1.48	161.2095	117.111	1387610.651	1039173.305	2.608
	E12019	254.0045	9.155	88.3914	1.70	DELTA	1.48	235.2220	9.152	1387605.431	1039165.788	2.598
E12019-E12018	E12018	0.0000	9.181	88.1949	1.70	ESTACION	1.43	235.2220	9.152	1387605.431	1039165.788	2.598
	E12014	108.3937	66.58	89.3349	1.70	DELTA	1.43	163.8823	66.578	1387541.470	1039184.271	2.837
E12014-E12019	E12019	0.0000	66.587	89.5537	1.70	ESTACION	1.43	163.8823	66.578	1387541.470	1039184.271	2.837
	E12011	266.5945	81.792	90.0403	1.70	DELTA	1.43	250.8781	81.792	1387514.676	1039106.992	2.467
	E12013	82.4718	67.164	89.5910	1.70	DELTA	1.43	66.6706	67.164	1387568.068	1039245.944	2.579
E12011-E12014	E12014	0.0000	81.811	89.3251	1.70	ESTACION	1.45	250.8781	81.792	1387514.676	1039106.992	2.467
	E12010	85.1420	94.807	89.4619	1.70	DELTA	1.42	156.1170	94.806	1387427.988	1039145.376	2.593
	E12009P	179.3105	97.647	89.5723	1.70	DELTA	1.45	250.3962	97.647	1387481.914	1039015.005	2.290
E12009P-E12011	E12011	0.0000	97.647	89.4411	1.70	ESTACION	1.41	250.3962	97.647	1387481.914	1039015.005	2.290
	E12007	182.2936	189.145	89.5626	1.70	DELTA	1.41	252.8895	189.145	1387426.265	1038834.232	2.196
E12009		0.0000				ESTACION		0.0000		1387480.882	1039015.304	2.466
E12007	E12009	0.0000	189.066	89.5450	1.70	ESTACION	1.44	253.1108		1387425.953	1038834.390	2.258
	E12006	180.5226	344.883	90.0307	1.70	DELTA	1.44	253.9847	344.883	1387330.802	1038502.892	1.688
	E12020	270.5925	112.914	89.5432	1.70	DELTA	1.44	344.1011	112.914	1387534.547	1038803.458	2.180
E12020-E12007	E12007	0.0000	112.917	89.4745	1.70	ESTACION	1.40	344.1011	112.914	1387534.547	1038803.458	2.180
	EAUX_16	285.2604	3.156	85.3853	1.70	DELTA_AUX	1.40	89.5355	3.147	1387534.573	1038806.605	2.117
	E13011	173.2824	165.063	89.5422	1.70	DELTA	1.40	337.5744	165.063	1387687.127	1038740.489	2.148
E13011-E12020	E12020	0.0000	165.054	89.5202	1.70	ESTACION	1.44	337.5744	165.063	1387687.127	1038740.489	2.148
	E13010	272.0055	52.011	89.2959	1.70	DELTA	1.44	69.5897	52.009	1387705.265	1038789.233	2.344
E13010-E13011	E13011	0.0000	52.011	89.4923	1.70	ESTACION	1.43	69.5897	52.009	1387705.265	1038789.233	2.344
	ETUR_07	227.5135	34.13	90.1538	1.70	MOJON	1.43	117.4494	34.130	1387689.532	1038819.520	1.919
E12006-E12007	E12007	0.0000	344.885	89.4553	1.70	ESTACION	1.41	253.9847	344.883	1387330.802	1038502.892	1.688
	E12004	83.5141	108.871	89.5548	1.70	DELTA	1.41	157.8461	108.871	1387229.968	1038543.947	1.528
	E12002	178.0324	61.475	90.0443	1.70	DELTA	1.41	252.0414	61.475	1387311.847	1038444.413	1.310
E12002-E12006	E12006	0.0000	61.484	89.1827	1.70	ESTACION	1.42	252.0414	61.475	1387311.847	1038444.413	1.310



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	E12001	94.3647	61.307	89.2809	1.70	DELTA	1.42	166.6544	61.304	1387252.198	1038458.563	1.601
	ETUR_06	150.3622	93.105	89.4244	1.70	DELTA	1.42	222.6475	93.104	1387243.366	1038381.336	1.501
ETUR_06-E12002	E12002	0.0000	93.104	89.5648	1.70	ESTACION	1.41	222.6475	93.104	1387243.366	1038381.336	1.501
	ETUR_01	1.1017	55.576	89.3609	1.70	MOJON	1.41	43.8189	55.575	1387283.465	1038419.815	1.597



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
E12000		0.0000				ESTACION		0.0000		1389171.455	1037812.560	3.545
E12001	E12000	0.0000	58.909	89.3907	1.70	ESTACION	1.40	359.3001		1389230.360	1037811.840	3.746
	E12002	176.5748	92.505	89.2206	1.70	DELTA	1.40	356.2634	92.499	1389322.662	1037805.812	4.462
	1	13.4620	26.241	88.2051	1.70	PARAMENTO	1.40	193.0723	26.230	1389204.809	1037805.908	4.199
	2	20.3335	20.200	87.5404	1.70	PARAMENTO	1.40	199.8598	20.186	1389211.374	1037804.983	4.182
	3	9.0822	26.007	89.1507	1.70	LINDERO	1.40	188.4395	26.005	1389204.636	1037808.024	3.782
	4	11.2718	22.766	88.2536	1.70	POSTE	1.40	190.7551	22.757	1389208.002	1037807.594	4.067
	5	15.2837	19.204	88.0444	1.70	LINDERO	1.40	194.7770	19.193	1389211.801	1037806.945	4.086
	6	36.3716	10.142	88.0314	1.70	LINDERO	1.40	215.9212	10.136	1389222.151	1037805.894	3.786
	7	346.5209	20.085	88.1701	1.70	LINDERO	1.40	166.1693	20.076	1389210.866	1037816.640	4.044
	8	34.1949	23.557	88.4816	1.70	PARAMENTO	1.40	213.6304	23.552	1389210.750	1037798.796	3.934
	9	44.0511	15.532	87.3011	1.70	PARAMENTO	1.40	223.3865	15.517	1389219.083	1037801.181	4.119
	10	69.0819	11.145	87.1959	1.70	PARAMENTO	1.40	248.4387	11.133	1389226.268	1037801.486	3.961
	11	75.5930	16.563	88.5242	1.70	PARAMENTO	1.40	255.2918	16.560	1389226.155	1037795.823	3.766
	12	135.3924	9.575	86.3024	1.70	POSTE	1.40	314.9568	9.557	1389237.112	1037805.077	4.025
	13	130.3452	9.930	86.0553	1.70	LINDERO	1.40	309.8812	9.907	1389236.712	1037804.238	4.118
	14	192.2247	13.471	85.4121	1.70	LINDERO	1.40	11.6798	13.433	1389243.514	1037814.560	4.455
	15	157.3220	23.517	88.2652	1.70	LINDERO	1.40	336.8390	23.508	1389251.973	1037802.594	4.079
	16	149.4059	25.481	87.3622	1.70	PARAMENTO	1.40	328.9831	25.459	1389252.178	1037798.722	4.506
	17	155.5454	32.327	88.0607	1.70	PARAMENTO	1.40	335.2151	32.309	1389259.693	1037798.296	4.513
	18	159.5359	32.617	88.0337	1.70	PARAMENTO	1.40	339.1998	32.598	1389260.833	1037800.264	4.546
	19	158.0058	32.953	88.4126	1.70	PARAMENTO	1.40	337.3162	32.944	1389260.756	1037799.135	4.195
	20	164.0355	42.974	88.3134	1.70	PARAMENTO	1.40	343.3654	42.960	1389271.522	1037799.542	4.547
	21	167.5427	42.447	89.0507	1.70	POSTE	1.40	347.2076	42.442	1389271.748	1037802.443	4.120
	22	166.3757	43.422	89.1154	1.70	LINDERO	1.40	345.9326	43.418	1389272.475	1037801.287	4.050
	23	181.1301	42.213	88.4255	1.70	LINDERO	1.40	0.5170	42.202	1389272.560	1037812.221	4.388
	24	166.0945	52.878	89.1542	1.70	PARAMENTO	1.40	345.4626	52.874	1389281.540	1037798.568	4.123
	25	167.0419	58.404	89.2242	1.70	PARAMENTO	1.40	346.3720	58.401	1389287.116	1037798.080	4.076
	26	164.2916	53.117	89.3222	1.70	PARAMENTO	1.40	343.7879	53.115	1389281.363	1037797.011	3.869
	27	168.2237	51.859	89.1613	1.70	LINDERO	1.40	347.6770	51.855	1389281.020	1037800.773	4.102
	28	179.2942	61.420	88.5658	1.70	LINDERO	1.40	358.7951	61.410	1389291.756	1037810.549	4.568
	29	169.0151	58.387	89.2650	1.70	LINDERO	1.40	348.3309	58.384	1389287.537	1037800.032	4.005
	30	171.1851	70.371	89.2546	1.70	POSTE	1.40	350.6143	70.368	1389299.785	1037800.365	4.143
E12002-E12001	E12001	0.0000	92.504	90.1753	1.70	ESTACION	1.45	356.2634	92.499	1389322.662	1037805.812	4.462
	E12003	260.5833	48.033	89.1306	1.70	DELTA	1.45	77.2393	48.029	1389333.271	1037852.654	4.862
	31	79.5254	7.584	89.0343	1.70	CERRAMIENT	1.45	256.1451	7.583	1389320.846	1037798.450	4.331



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	32	159.2149	18.259	89.1745	1.70	CERRAMIENT	1.45	335.6270	18.258	1389339.293	1037798.278	4.431
	33	231.2229	3.415	85.4715	1.70	LINDERO	1.45	47.6381	3.406	1389324.957	1037808.329	4.458
	34	183.2709	32.279	89.3302	1.70	LINDERO	1.45	359.7159	32.278	1389354.940	1037805.652	4.460
	35	187.3915	68.434	90.0609	1.70	PARAMENTO	1.45	3.9176	68.434	1389390.936	1037810.488	4.084
	36	189.2055	62.789	90.0317	1.70	PARAMENTO	1.45	5.6120	62.789	1389385.150	1037811.952	4.147
	37	204.5201	71.806	89.4842	1.70	PARAMENTO	1.45	21.1304	71.806	1389389.640	1037831.697	4.443
	38	211.5343	79.224	89.4633	1.70	PARAMENTO	1.45	28.1587	79.223	1389392.509	1037843.199	4.517
	39	212.3206	69.329	89.5214	1.70	PARAMENTO	1.45	28.7984	69.329	1389383.417	1037839.210	4.363
	40	220.4840	58.783	89.3814	1.70	PARAMENTO	1.45	37.0745	58.782	1389369.562	1037841.249	4.579
	41	224.4951	63.516	89.4937	1.70	PARAMENTO	1.45	41.0943	63.516	1389370.530	1037847.561	4.399
E12003-E12002	E12002	0.0000	48.043	90.1007	1.70	ESTACION	1.43	77.2393	48.029	1389333.271	1037852.654	4.862
	E12005	143.1626	47.126	88.1527	1.70	DELTA	1.43	40.5131	47.104	1389369.082	1037883.254	6.025
	E12004	245.1953	59.893	90.0703	1.70	DELTA	1.43	142.5706	59.893	1389285.710	1037889.056	4.469
	42	131.4914	23.735	90.2029	1.70	LINDERO	1.43	29.0598	23.735	1389354.018	1037864.183	4.451
	43	124.3951	19.430	90.1852	1.70	ARBOL	1.43	21.9034	19.430	1389351.298	1037859.903	4.485
	44	120.3359	18.212	89.3408	1.70	ARBOL	1.43	17.8056	18.211	1389350.610	1037858.223	4.729
	45	114.2022	16.365	89.4721	1.70	ARBOL	1.43	11.5787	16.365	1389349.303	1037855.939	4.652
	46	60.3917	12.948	90.5549	1.70	ARBOL	1.43	317.8940	12.946	1389342.876	1037843.974	4.382
	47	151.5316	17.518	88.5123	1.70	TERRENO	1.43	49.1270	17.515	1389344.732	1037865.898	4.942
	48	155.2339	23.441	88.4425	1.70	TERRENO	1.43	52.6334	23.435	1389347.494	1037871.280	5.107
	49	156.4208	25.795	86.4724	1.70	TERRENO	1.43	53.9415	25.755	1389348.430	1037873.475	6.037
	50	194.1647	18.474	89.2551	1.70	TERRENO	1.43	91.5190	18.473	1389332.781	1037871.121	4.776
	51	191.4540	22.947	88.4659	1.70	TERRENO	1.43	89.0004	22.942	1389333.671	1037875.593	5.079
	52	190.5952	25.080	86.4128	1.70	TERRENO	1.43	88.2370	25.038	1389334.041	1037877.681	6.040
	53	223.3044	26.224	90.2745	1.70	TERRENO	1.43	120.7515	26.223	1389319.863	1037875.190	4.380
	54	217.1311	29.869	90.0814	1.70	TERRENO	1.43	114.4590	29.869	1389320.904	1037879.843	4.521
	55	214.5021	32.296	87.4245	1.70	TERRENO	1.43	112.0784	32.270	1389321.141	1037882.558	5.881
	56	241.4927	46.976	90.1249	1.70	TERRENO	1.43	139.0634	46.976	1389297.784	1037883.434	4.417
	57	236.4450	49.467	89.5923	1.70	TERRENO	1.43	133.9865	49.467	1389298.917	1037888.246	4.601
	58	235.1316	50.409	88.4735	1.70	TERRENO	1.43	132.4604	50.398	1389299.248	1037889.835	5.654
	59	248.2007	64.645	90.0116	1.70	TERRENO	1.43	145.5745	64.645	1389279.948	1037889.200	4.568
	60	244.5458	65.598	89.5156	1.70	TERRENO	1.43	142.1554	65.598	1389281.470	1037892.900	4.746
	61	242.5416	65.916	88.5708	1.70	TERRENO	1.43	140.1437	65.905	1389282.679	1037894.891	5.797
E12004-E12003	E12003	0.0000	59.892	89.2218	1.70	ESTACION	1.41	142.5706	59.893	1389285.710	1037889.056	4.469
	62	143.1239	4.830	69.2000	1.70	ESTRUCTURA	1.41	105.7815	4.519	1389284.481	1037893.405	5.885
	63	153.1223	5.457	71.4444	1.70	ESTRUCTURA	1.41	115.7770	5.182	1389283.456	1037893.723	5.890



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	64	135.4253	6.011	73.2911	1.70	ESTRUCTURA	1.41	98.2854	5.763	1389284.879	1037894.759	5.889
	65	144.0954	6.486	74.3951	1.70	ESTRUCTURA	1.41	106.7356	6.255	1389283.909	1037895.046	5.896
	66	143.0123	4.727	71.1203	1.70	ESTRUCTURA	1.41	105.5937	4.475	1389284.507	1037893.366	5.704
	67	145.0211	4.821	71.4057	1.70	ESTRUCTURA	1.41	107.6070	4.577	1389284.325	1037893.419	5.695
	68	152.0842	5.283	73.1837	1.70	ESTRUCTURA	1.41	114.7156	5.060	1389283.594	1037893.653	5.697
	69	153.3754	5.382	74.0818	1.70	ESTRUCTURA	1.41	116.2023	5.177	1389283.424	1037893.701	5.651
	70	163.5645	3.168	76.2547	1.70	ESTRUCTURA	1.41	126.5165	3.080	1389283.877	1037891.531	4.924
	71	165.5016	3.296	77.1322	1.70	ESTRUCTURA	1.41	128.4084	3.214	1389283.713	1037891.575	4.909
	72	172.4655	3.955	78.2455	1.70	ESTRUCTURA	1.41	135.3526	3.874	1389282.953	1037891.779	4.974
	73	172.4656	4.092	78.2455	1.70	ESTRUCTURA	1.41	135.3529	4.009	1389282.858	1037891.873	5.002
	74	171.3035	3.933	78.0836	1.70	ESTRUCTURA	1.41	134.0804	3.849	1389283.032	1037891.821	4.988
	75	164.2932	3.097	81.4558	1.70	ESTRUCTURA	1.41	127.0629	3.065	1389283.862	1037891.502	4.624
	76	166.1336	3.223	83.3001	1.70	ESTRUCTURA	1.41	128.7973	3.202	1389283.703	1037891.552	4.545
	77	173.1424	4.023	82.4541	1.70	ESTRUCTURA	1.41	135.8106	3.991	1389282.848	1037891.838	4.687
	78	172.0033	3.858	83.5608	1.70	ESTRUCTURA	1.41	134.5798	3.836	1389283.017	1037891.789	4.588
	79	156.1656	3.765	78.5037	1.70	ESTRUCTURA	1.41	118.8529	3.694	1389283.927	1037892.292	4.909
	80	162.4940	4.263	80.0536	1.70	ESTRUCTURA	1.41	125.3984	4.199	1389283.277	1037892.479	4.914
	81	145.2705	4.652	80.4936	1.70	ESTRUCTURA	1.41	108.0220	4.593	1389284.289	1037893.423	4.922
	82	151.4942	5.064	81.3333	1.70	ESTRUCTURA	1.41	114.3990	5.009	1389283.641	1037893.618	4.924
	83	177.3506	2.641	81.5431	1.70	BORDE_CANO	1.41	140.1556	2.615	1389283.702	1037890.732	4.552
	84	184.0219	3.730	86.3521	1.70	BORDE_CANO	1.41	146.6093	3.723	1389282.601	1037891.105	4.402
	85	269.3051	6.690	88.5904	1.70	BORDE_CANO	1.41	232.0848	6.689	1389281.599	1037883.779	4.299
	86	257.5427	7.117	91.0824	1.70	BORDE_CANO	1.41	220.4781	7.116	1389280.297	1037884.437	4.039
	87	282.1726	19.096	90.1803	1.70	BORDE_CANO	1.41	244.8612	19.096	1389277.598	1037871.769	4.080
	88	277.4006	18.775	90.0116	1.70	BORDE_CANO	1.41	240.2390	18.775	1389276.390	1037872.758	4.173
	89	285.2052	32.809	90.1128	1.70	BORDE_CANO	1.41	247.9184	32.809	1389273.376	1037858.654	4.071
	90	282.5448	32.603	90.2554	1.70	BORDE_CANO	1.41	245.4840	32.602	1389272.182	1037859.393	3.935
	91	286.4355	47.999	90.0041	1.70	BORDE_CANO	1.41	249.3026	47.999	1389268.745	1037844.155	4.171
	92	284.3907	47.972	89.5759	1.70	BORDE_CANO	1.41	247.2226	47.972	1389267.137	1037844.825	4.208
	93	287.0749	54.163	89.5731	1.70	BORDE_CANO	1.41	249.7009	54.163	1389266.920	1037838.257	4.219
	94	285.1714	54.364	89.5845	1.70	BORDE_CANO	1.41	247.8579	54.364	1389265.220	1037838.702	4.200
	95	291.1415	57.732	89.5953	1.70	BORDE_CANO	1.41	253.8081	57.732	1389269.611	1037833.614	4.182
	96	286.5200	57.198	89.5702	1.70	BORDE_CANO	1.41	249.4373	57.198	1389265.620	1037835.502	4.230
	97	300.2903	64.948	90.0000	1.70	BORDE_CANO	1.41	263.0548	64.948	1389277.856	1037824.585	4.180
	98	299.2728	66.131	90.0347	1.70	BORDE_CANO	1.41	262.0284	66.131	1389276.539	1037823.564	4.107
	99	306.3234	71.477	90.0241	1.70	BORDE_CANO	1.41	269.1134	71.477	1389284.604	1037817.588	4.124



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	100	305.2506	72.491	90.0251	1.70	BORDE_CANO	1.41	267.9890	72.491	1389283.166	1037816.610	4.120
	101	308.3322	73.524	90.0603	1.70	BORDE_CANO	1.41	271.1268	73.524	1389287.156	1037815.547	4.051
	102	306.2416	74.270	90.2823	1.70	BORDE_CANO	1.41	268.9751	74.267	1389284.381	1037814.801	3.567
	103	191.4308	13.202	88.0721	1.70	LINDERO	1.41	154.2895	13.195	1389273.821	1037894.781	4.613
	104	177.2750	6.258	84.1959	1.70	ARBOL	1.41	140.0345	6.227	1389280.937	1037893.056	4.798
	105	82.1200	3.651	77.1506	1.70	ARBOL	1.41	44.7706	3.561	1389288.238	1037891.564	4.986
	106	38.3923	11.076	85.4115	1.70	ARBOL	1.41	1.2270	11.045	1389296.752	1037889.293	5.013
	107	32.4618	17.515	87.1700	1.70	ARBOL	1.41	355.3423	17.495	1389303.147	1037887.636	5.010
E12005-E12003	E12003	0.0000	47.124	91.0615	1.70	ESTACION	1.43	40.5131	47.104	1389369.082	1037883.254	6.025
	E12006	307.1335	84.920	89.5452	1.70	DELTA	1.43	167.7395	84.920	1389286.099	1037901.288	5.884
	E12007	212.3451	65.704	89.4929	1.70	DELTA	1.43	73.0940	65.704	1389388.189	1037946.119	5.958
	108	13.5843	9.727	88.5510	1.70	TERRENO	1.43	234.4918	9.725	1389363.434	1037875.338	5.941
	109	9.3337	9.461	91.5029	1.70	TERRENO	1.43	230.0734	9.456	1389363.013	1037876.003	5.453
	110	5.3216	9.263	94.2935	1.70	LAGUNA	1.43	226.0509	9.235	1389362.673	1037876.606	5.031
	111	351.5334	12.537	93.2006	1.70	LAGUNA	1.43	212.4059	12.516	1389358.515	1037876.547	5.028
	112	4.2421	8.394	95.0752	1.70	LAGUNA	1.43	224.9190	8.360	1389363.162	1037877.351	5.006
	113	0.2350	7.488	95.4524	1.70	LAGUNA	1.43	220.9104	7.450	1389363.452	1037878.375	5.006
	114	0.2512	11.014	94.0803	1.70	LAGUNA	1.43	220.9331	10.985	1389360.783	1037876.057	4.963
	115	326.3532	4.185	100.2744	1.70	LAGUNA	1.43	187.1054	4.115	1389364.998	1037882.745	4.997
	116	357.2015	3.029	85.0547	1.70	PASARELA	1.43	217.8506	3.018	1389366.699	1037881.403	6.016
	117	54.4400	2.699	84.1305	1.70	PASARELA	1.43	275.2465	2.685	1389369.328	1037880.580	6.029
	118	67.1241	1.728	81.0328	1.70	PASARELA	1.43	287.7245	1.707	1389369.602	1037881.628	6.026
	119	8.5727	1.511	80.0421	1.70	PASARELA	1.43	229.4706	1.488	1389368.115	1037882.123	6.018
	120	7.2431	1.836	81.2107	1.70	CAM_INSPEC	1.43	227.9218	1.815	1389367.866	1037881.907	6.033
	121	357.3754	2.736	84.2137	1.70	CAM_INSPEC	1.43	218.1448	2.723	1389366.941	1037881.573	6.026
	122	223.5937	8.033	88.0122	1.70	ESTRUCTURA	1.43	84.5068	8.028	1389369.851	1037891.246	6.034
	123	222.2327	9.062	88.1639	1.70	ESTRUCTURA	1.43	82.9040	9.058	1389370.201	1037892.243	6.029
	124	228.3243	8.203	88.0533	1.70	ESTRUCTURA	1.43	89.0584	8.198	1389369.217	1037891.452	6.030
	125	226.4203	9.235	88.2137	1.70	ESTRUCTURA	1.43	87.2140	9.231	1389369.531	1037892.475	6.021
	126	228.4332	8.334	89.2130	1.70	ESTRUCTURA	1.43	89.2387	8.333	1389369.193	1037891.587	5.850
	127	227.1740	9.037	89.4400	1.70	ESTRUCTURA	1.43	87.8076	9.037	1389369.428	1037892.285	5.799
	128	229.1813	8.125	89.1940	1.70	ESTRUCTURA	1.43	89.8168	8.124	1389369.108	1037891.379	5.852
	129	226.5148	9.248	89.4201	1.70	ESTRUCTURA	1.43	87.3765	9.248	1389369.506	1037892.493	5.805
	130	237.3117	8.921	94.2415	1.70	ESTRUCTURA	1.43	98.0345	8.895	1389367.839	1037892.062	5.072
	131	238.1352	8.692	94.1713	1.70	ESTRUCTURA	1.43	98.7443	8.668	1389367.765	1037891.821	5.107
	132	235.2735	9.777	94.0105	1.70	ESTRUCTURA	1.43	95.9729	9.753	1389368.067	1037892.954	5.072



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	133	235.5903	9.545	93.5950	1.70	ESTRUCTURA	1.43	96.4973	9.522	1389368.005	1037892.715	5.092
	134	228.4026	8.397	94.2056	1.70	ESTRUCTURA	1.43	89.1870	8.373	1389369.201	1037891.626	5.120
	135	227.2346	9.051	93.5938	1.70	ESTRUCTURA	1.43	87.9093	9.029	1389369.412	1037892.277	5.127
	136	236.2517	8.830	94.1039	1.70	ESTRUCTURA	1.43	96.9345	8.807	1389368.019	1037891.997	5.114
	137	235.0127	9.465	93.5110	1.70	ESTRUCTURA	1.43	95.5373	9.444	1389368.171	1037892.654	5.121
	138	237.1942	9.649	94.5014	1.70	ESTRUCTURA	1.43	97.8415	9.615	1389367.770	1037892.779	4.943
	139	218.2545	26.383	89.4940	1.70	TERRENO	1.43	78.9423	26.383	1389374.142	1037909.147	5.836
	140	222.4307	25.475	91.4230	1.70	TERRENO	1.43	83.2318	25.464	1389372.083	1037908.541	4.998
	141	220.0605	26.027	90.3538	1.70	TERRENO	1.43	80.6145	26.026	1389373.326	1037908.932	5.487
	142	224.5951	26.634	91.3850	1.70	LAGUNA	1.43	85.5106	26.623	1389371.166	1037909.796	4.991
	143	227.4459	27.252	91.4507	1.70	LAGUNA	1.43	88.2629	27.239	1389369.908	1037910.481	4.924
	144	221.5754	23.725	91.4722	1.70	LAGUNA	1.43	82.4781	23.713	1389372.186	1037906.764	5.016
	145	222.4005	22.127	91.5838	1.70	LAGUNA	1.43	83.1812	22.114	1389371.708	1037905.212	4.994
	146	206.5201	23.640	91.1543	1.70	ARBOL	1.43	67.3801	23.634	1389378.172	1037905.071	5.236
	147	206.0535	16.104	91.5313	1.70	ARBOL	1.43	66.6062	16.095	1389375.473	1037898.027	5.227
	148	204.3525	11.362	91.1531	1.70	ARBOL	1.43	65.1034	11.359	1389373.864	1037893.558	5.508
	149	199.1239	14.519	93.5855	1.70	ARBOL	1.43	59.7240	14.484	1389376.385	1037895.763	4.749
	150	201.2319	16.603	94.2601	1.70	ARBOL	1.43	61.9018	16.553	1389376.879	1037897.857	4.474
	151	201.4032	5.230	89.1028	1.70	ARBOL	1.43	62.1887	5.229	1389371.522	1037887.880	5.832
	152	189.5342	6.803	95.5118	1.70	ARBOL	1.43	50.4081	6.768	1389373.395	1037888.469	5.063
	153	163.4218	5.389	101.2527	1.70	ARBOL	1.43	24.2181	5.282	1389373.900	1037885.421	4.690
	154	177.4053	4.186	94.3809	1.70	ARBOL	1.43	38.1945	4.172	1389372.361	1037885.834	5.419
	155	239.0357	6.646	91.4145	1.70	ARBOL	1.43	99.5790	6.643	1389367.977	1037889.805	5.560
	156	256.0452	36.203	91.1419	1.70	ARBOL	1.43	116.5943	36.195	1389352.879	1037915.620	4.975
	157	270.5203	49.729	90.5949	1.70	LAGUNA	1.43	131.3806	49.721	1389336.213	1037920.562	4.892
	158	270.5450	49.734	90.5833	1.70	ARBOL	1.43	131.4270	49.727	1389336.180	1037920.539	4.910
	159	318.2246	33.760	91.1613	1.70	LAGUNA	1.43	178.8926	33.752	1389335.337	1037883.907	5.009
	160	271.5236	52.341	90.2748	1.70	ARBOL	1.43	132.3898	52.339	1389333.797	1037921.911	5.334
	161	275.3514	57.520	90.4129	1.70	ARBOL	1.43	136.1004	57.516	1389327.639	1037923.136	5.063
	162	313.5139	44.109	91.1048	1.70	ARBOL	1.43	174.3740	44.100	1389325.195	1037887.578	4.849
	163	279.0614	67.621	90.1308	1.70	ARBOL	1.43	139.6170	67.621	1389317.574	1037927.065	5.499
	164	282.2633	75.905	90.4810	1.70	ARBOL	1.43	142.9556	75.898	1389308.503	1037928.978	4.694
	165	313.3923	47.109	90.5019	1.70	ARBOL	1.43	174.1695	47.104	1389322.222	1037888.039	5.068
	166	282.4535	80.298	89.5831	1.70	ARBOL	1.43	143.2729	80.298	1389304.724	1037931.273	5.792
	167	282.1041	76.620	90.1656	1.70	ARBOL	1.43	142.6912	76.619	1389308.141	1037929.694	5.380
	168	274.4556	68.328	90.0806	1.70	ARBOL	1.43	135.2787	68.328	1389320.533	1037931.334	5.596



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	169	276.1625	72.291	90.0552	1.70	ARBOL	1.43	136.7868	72.291	1389316.396	1037932.753	5.634
	170	276.5307	73.506	90.0533	1.70	ARBOL	1.43	137.3984	73.506	1389314.976	1037933.010	5.638
	171	277.4616	76.170	90.0300	1.70	ARBOL	1.43	138.2843	76.170	1389312.225	1037933.941	5.691
	172	250.1147	41.113	90.5800	1.70	ARBOL	1.43	110.7095	41.107	1389354.545	1037921.705	5.063
	173	247.2453	37.847	89.5649	1.70	ARBOL	1.43	107.9279	37.847	1389357.432	1037919.264	5.792
E12006-E12005	E12005	0.0001	84.911	89.4455	1.70	ESTACION	1.46	167.7395	84.920	1389286.099	1037901.288	5.884
	E12008	85.0405	57.973	89.4923	1.70	DELTA	1.46	72.8076	57.973	1389303.235	1037956.670	5.819
	174	79.3633	33.490	89.2345	2.00	TERRENO	1.46	67.3487	33.488	1389298.996	1037932.193	5.693
	175	78.0108	32.964	90.3851	2.00	LAGUNA	1.46	65.7584	32.962	1389299.633	1037931.343	4.967
	176	75.5424	33.681	90.4131	2.00	LAGUNA	1.46	63.6462	33.679	1389301.049	1037931.466	4.933
	177	76.3720	34.687	89.1725	2.00	TERRENO	1.46	64.3618	34.684	1389301.107	1037932.557	5.770
	178	78.2406	33.759	89.4614	2.00	ARBOL	1.46	66.1412	33.759	1389299.754	1037932.162	5.475
	179	79.2404	32.624	89.3555	2.00	ARBOL	1.46	67.1406	32.623	1389298.772	1037931.349	5.568
	180	78.0459	30.695	90.4949	2.00	LAGUNA	1.46	65.8226	30.692	1389298.669	1037929.287	4.895
	181	77.4617	26.508	90.4845	2.00	LAGUNA	1.46	65.5109	26.505	1389297.086	1037925.409	4.964
	182	83.0540	26.607	88.4849	2.00	PASARELA	1.46	70.8340	26.601	1389294.833	1037926.414	5.891
	183	85.3503	26.744	88.5014	2.00	PASARELA	1.46	73.3237	26.738	1389293.772	1037926.902	5.883
	184	341.5751	3.828	101.5348	1.70	LAGUNA	1.46	329.7037	3.746	1389289.333	1037899.398	4.851
	185	344.4553	8.189	95.0915	1.70	LAGUNA	1.46	332.5043	8.156	1389293.334	1037897.522	4.904
	186	348.0321	12.807	93.1518	1.70	LAGUNA	1.46	335.7954	12.786	1389297.761	1037896.045	4.913
	187	18.0833	3.553	103.3115	1.70	LAGUNA	1.46	5.8820	3.455	1389289.535	1037901.642	4.809
	188	52.0208	5.679	97.4026	1.70	LAGUNA	1.46	39.7751	5.628	1389290.425	1037904.888	4.882
	189	65.4734	4.256	88.2952	1.70	TERRENO	1.46	53.5323	4.255	1389288.628	1037904.709	5.751
	190	78.5002	16.668	89.0805	1.70	ESTRUCTURA	1.46	66.5734	16.666	1389292.725	1037916.580	5.892
	191	78.2428	15.559	89.0545	1.70	ESTRUCTURA	1.46	66.1473	15.557	1389292.390	1037915.516	5.885
	192	78.5414	16.665	89.0803	1.70	ESTRUCTURA	1.46	66.6434	16.663	1389292.705	1037916.585	5.892
	193	78.4402	16.654	89.3717	1.70	ESTRUCTURA	1.46	66.4734	16.654	1389292.747	1037916.557	5.750
	194	78.4240	16.482	89.3920	1.70	ESTRUCTURA	1.46	66.4506	16.482	1389292.684	1037916.397	5.739
	195	78.2614	15.765	89.4330	1.70	ESTRUCTURA	1.46	66.1768	15.765	1389292.467	1037915.709	5.716
	196	78.1746	15.544	89.4611	1.70	ESTRUCTURA	1.46	66.0356	15.544	1389292.413	1037915.492	5.702
	197	73.2443	16.941	92.0319	1.70	ESTRUCTURA	1.46	61.1515	16.930	1389294.268	1037916.117	5.032
	198	73.1319	16.712	92.0502	1.70	ESTRUCTURA	1.46	60.9615	16.701	1389294.206	1037915.889	5.032
	199	72.5539	15.941	92.0528	1.70	ESTRUCTURA	1.46	60.6670	15.930	1389293.903	1037915.176	5.058
	200	72.4340	15.810	92.1053	1.70	ESTRUCTURA	1.46	60.4673	15.799	1389293.887	1037915.034	5.038
	201	78.3548	16.472	92.1651	1.70	ESTRUCTURA	1.46	66.3362	16.459	1389292.705	1037916.363	4.984
	202	78.1721	15.803	92.2404	1.70	ESTRUCTURA	1.46	66.0287	15.789	1389292.514	1037915.715	4.978



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	203	73.2658	16.659	92.1510	1.70	ESTRUCTURA	1.46	61.1890	16.646	1389294.121	1037915.873	4.985
	204	73.1945	16.051	92.1936	1.70	ESTRUCTURA	1.46	61.0687	16.038	1389293.858	1037915.324	4.988
	205	72.0915	16.388	92.3714	1.70	ESTRUCTURA	1.46	59.8937	16.371	1389294.311	1037915.450	4.891
	206	77.3710	16.688	89.3818	1.70	ESTRUCTURA	1.46	65.3590	16.688	1389293.057	1037916.456	5.745
	207	77.3359	16.512	89.3953	1.70	ESTRUCTURA	1.46	65.3059	16.512	1389292.997	1037916.289	5.737
	208	77.2903	15.769	89.4608	1.70	ESTRUCTURA	1.46	65.2237	15.769	1389292.707	1037915.605	5.703
	209	77.2352	15.583	89.4815	1.70	ESTRUCTURA	1.46	65.1373	15.583	1389292.651	1037915.426	5.693
E12008-E12006	E12006	0.0000	57.987	89.3902	1.70	ESTACION	1.41	72.8076	57.973	1389303.235	1037956.670	5.819
	E12007	100.0633	85.602	89.4243	1.70	DELTA	1.41	352.9168	85.601	1389388.182	1037946.114	5.958
	210	168.3750	13.636	89.5950	1.70	ARBOL	1.41	61.4381	13.636	1389309.754	1037968.647	5.529
	211	159.5052	7.865	90.5331	1.70	ARBOL	1.41	52.6554	7.864	1389308.005	1037962.922	5.405
	212	136.2752	3.820	89.4658	1.70	ARBOL	1.41	29.2720	3.820	1389306.567	1037958.538	5.542
	213	152.2715	3.468	85.0226	1.70	ARBOL	1.41	45.2618	3.455	1389305.667	1037959.124	5.828
	214	50.1001	3.264	89.4440	1.70	ARBOL	1.41	302.9745	3.264	1389305.011	1037953.932	5.542
	215	18.3904	19.630	90.3013	1.70	ARBOL	1.41	271.4587	19.629	1389303.734	1037937.047	5.355
	216	26.3932	21.120	90.0249	1.70	ARBOL	1.41	279.4665	21.120	1389306.708	1037935.838	5.511
	217	30.0243	22.347	89.1937	1.70	ARBOL	1.41	282.8529	22.345	1389308.206	1037934.884	5.790
	218	39.1547	24.464	90.2712	1.70	ARBOL	1.41	292.0706	24.463	1389312.427	1037933.999	5.334
	219	43.3505	26.272	90.1603	1.70	ARBOL	1.41	296.3923	26.272	1389314.913	1037933.137	5.405
	220	46.0118	27.147	90.2022	1.70	ARBOL	1.41	298.8293	27.147	1389316.325	1037932.888	5.367
	221	70.5204	57.784	90.0230	1.70	ARBOL	1.41	323.6754	57.784	1389349.790	1037922.441	5.486
	222	72.4657	62.013	90.2536	1.70	ARBOL	1.41	325.5901	62.011	1389354.395	1037921.627	5.066
	223	72.4424	65.332	89.5333	1.70	ARBOL	1.41	325.5476	65.332	1389357.107	1037919.710	5.651
	224	127.3512	28.708	89.4900	1.70	ARBOL	1.41	20.3943	28.708	1389330.143	1037966.674	5.620
	225	124.0251	31.372	89.5140	1.70	ARBOL	1.41	16.8551	31.372	1389333.259	1037965.766	5.604
	226	119.3547	36.354	89.5004	1.70	ARBOL	1.41	12.4040	36.354	1389338.740	1037964.479	5.633
	227	118.1732	38.425	89.3532	1.70	ARBOL	1.41	11.0998	38.424	1389340.940	1037964.067	5.801
	228	115.3204	42.357	89.4538	1.70	ARBOL	1.41	8.3420	42.357	1389345.143	1037962.815	5.705
	229	66.1835	46.551	90.4136	1.70	LAGUNA	1.41	319.1173	46.548	1389338.427	1037926.204	4.965
	230	13.2814	19.586	89.4255	1.70	TERRENO	1.41	266.2781	19.586	1389301.963	1037937.126	5.625
	231	8.0444	18.330	90.0837	1.70	TERRENO	1.41	260.8865	18.330	1389300.331	1037938.571	5.482
	232	8.3229	16.369	90.3211	1.70	TERRENO	1.41	261.3490	16.368	1389300.773	1037940.488	5.375
	233	10.5726	16.971	91.4901	1.70	LAGUNA	1.41	263.7648	16.962	1389301.393	1037939.808	4.990
	234	10.5052	17.805	91.5021	1.70	LAGUNA	1.41	263.6554	17.796	1389301.268	1037938.983	4.956
	235	13.4122	18.691	91.5652	1.70	LAGUNA	1.41	266.4970	18.680	1389302.093	1037938.025	4.893
	236	170.0737	12.619	89.4912	1.70	TERRENO	1.41	62.9345	12.619	1389308.977	1037967.907	5.568



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	237	165.0025	12.709	92.2029	1.70	LAGUNA	1.41	57.8145	12.698	1389309.999	1037967.417	5.009
	238	172.0327	16.621	89.3957	1.70	TERRENO	1.41	64.8651	16.621	1389310.294	1037971.717	5.625
	239	166.4127	15.962	91.5233	1.70	LAGUNA	1.41	59.4984	15.953	1389311.332	1037970.416	5.005
	240	163.2134	18.714	89.2224	1.70	TERRENO	1.41	56.1670	18.713	1389313.654	1037972.214	5.733
	241	161.3716	17.410	91.3958	1.70	LAGUNA	1.41	54.4287	17.403	1389313.358	1037970.825	5.022
	242	153.4412	20.174	89.3722	1.70	TERRENO	1.41	46.5443	20.174	1389317.110	1037971.314	5.661
	243	152.5931	18.771	91.3626	1.70	LAGUNA	1.41	45.7995	18.764	1389316.316	1037970.122	5.001
	244	30.4210	1.750	79.5054	1.70	PASARELA	1.41	283.5104	1.723	1389303.637	1037954.995	5.836
	245	350.4916	1.565	82.0956	1.70	PASARELA	1.41	243.6287	1.550	1389302.546	1037955.281	5.741
	246	50.1751	2.337	81.4821	1.70	ESTRUCTURA	1.41	303.1051	2.313	1389304.498	1037954.732	5.861
	247	78.3004	1.789	82.2849	1.70	ESTRUCTURA	1.41	331.3087	1.774	1389304.791	1037955.819	5.762
	248	78.4613	1.796	84.2932	1.70	ESTRUCTURA	1.41	331.5779	1.788	1389304.807	1037955.819	5.700
	249	73.5408	1.861	84.2608	1.70	ESTRUCTURA	1.41	326.7098	1.852	1389304.783	1037955.653	5.708
	250	50.5834	2.363	85.2334	1.70	ESTRUCTURA	1.41	303.7837	2.355	1389304.545	1037954.712	5.718
	251	54.4025	2.265	85.1639	1.70	ESTRUCTURA	1.41	307.4812	2.257	1389304.608	1037954.879	5.714
	252	54.2020	2.553	86.1849	1.70	ESTRUCTURA	1.41	307.1465	2.548	1389304.773	1037954.639	5.692
	253	58.1021	2.436	86.2304	1.70	ESTRUCTURA	1.41	310.9801	2.431	1389304.829	1037954.835	5.682
	254	80.4717	2.136	86.3139	1.70	ESTRUCTURA	1.41	333.5956	2.132	1389305.144	1037955.722	5.657
	255	75.4341	2.162	85.3304	1.70	ESTRUCTURA	1.41	328.5356	2.155	1389305.073	1037955.545	5.696
	256	68.1037	3.497	97.2923	1.70	ESTRUCTURA	1.41	320.9845	3.467	1389305.929	1037954.487	5.072
	257	64.3715	3.621	97.1903	1.70	ESTRUCTURA	1.41	317.4284	3.592	1389305.880	1037954.240	5.067
	258	76.2028	3.954	99.4310	1.70	ESTRUCTURA	1.41	329.1487	3.897	1389306.581	1037954.671	4.860
	259	83.4831	3.155	98.4243	1.70	ESTRUCTURA	1.41	336.6162	3.119	1389306.097	1037955.432	5.050
	260	79.4650	3.222	97.2528	1.70	ESTRUCTURA	1.41	332.5881	3.195	1389306.071	1037955.199	5.112
	261	71.2348	1.931	102.1920	1.70	ESTRUCTURA	1.41	324.2043	1.887	1389304.765	1037955.567	5.116
	262	55.1518	2.247	100.4703	1.70	ESTRUCTURA	1.41	308.0626	2.207	1389304.596	1037954.932	5.107
	263	111.1404	46.687	90.5259	1.70	LAGUNA	1.41	4.0420	46.681	1389349.800	1037959.961	4.808
E12007-E12008	E12008	0.0000	85.602	89.5511	1.70	ESTACION	1.43	352.9168	85.601	1389388.182	1037946.114	5.958
	E12005	80.1118	65.697	89.4329	1.70	DELTA	1.43	253.1051	65.696	1389369.090	1037883.254	6.003
	E12009	160.4457	34.993	89.4245	1.70	DELTA	1.43	333.6659	34.993	1389419.544	1037930.592	5.863
	264	343.2459	30.607	90.0818	1.70	ARBOL	1.43	156.3331	30.607	1389360.150	1037958.401	5.613
	265	342.2303	23.467	90.2901	1.70	ARBOL	1.43	155.3009	23.466	1389366.863	1037955.920	5.489
	266	340.2136	19.157	90.5151	1.70	ARBOL	1.43	153.2768	19.155	1389371.074	1037954.728	5.398
	267	334.4446	12.861	89.1328	1.70	ARBOL	1.43	147.6629	12.860	1389377.317	1037952.993	5.861
	268	336.1716	2.780	97.4740	1.70	ARBOL	1.43	149.2045	2.754	1389385.816	1037947.525	5.310
	269	18.4543	2.039	89.4600	1.70	ARBOL	1.43	191.6787	2.039	1389386.186	1037945.702	5.696



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	270	84.1325	13.547	89.2035	1.70	ARBOL	1.43	257.1404	13.546	1389385.168	1037932.908	5.843
	271	105.0113	6.109	89.2918	1.70	ARBOL	1.43	277.9370	6.109	1389389.026	1037940.064	5.742
	272	114.3639	7.349	94.0641	1.70	ARBOL	1.43	287.5276	7.330	1389390.390	1037939.125	5.160
	273	75.2737	20.844	89.2321	1.70	ARBOL	1.43	248.3770	20.843	1389380.502	1037926.738	5.910
	274	72.1644	25.913	91.2517	1.70	ARBOL	1.43	245.1956	25.905	1389377.315	1037922.599	5.045
	275	147.0144	16.166	92.5215	1.70	ARBOL	1.43	319.9456	16.146	1389400.541	1037935.724	4.878
	276	149.3813	16.796	91.3601	1.70	ARBOL	1.43	322.5537	16.789	1389401.512	1037935.906	5.218
	277	151.1515	20.365	92.0759	1.70	ARBOL	1.43	324.1709	20.351	1389404.682	1037934.202	4.929
	278	155.3149	24.249	91.3033	1.70	ARBOL	1.43	328.4470	24.241	1389408.839	1037933.430	5.049
	279	156.4014	26.533	91.0034	1.70	ARBOL	1.43	329.5873	26.529	1389411.061	1037932.685	5.220
	280	151.4417	32.401	91.1634	1.70	ARBOL	1.43	324.6548	32.393	1389414.605	1037927.375	4.966
	281	150.3530	33.116	90.5609	1.70	ARBOL	1.43	323.5084	33.112	1389414.802	1037926.423	5.146
	282	146.1848	33.652	91.0820	1.70	ARBOL	1.43	319.2301	33.645	1389413.663	1037924.143	5.018
	283	145.0635	32.804	91.4502	1.70	ARBOL	1.43	318.0265	32.789	1389412.559	1037924.186	4.685
	284	141.0446	34.924	91.0251	1.70	ARBOL	1.43	313.9962	34.918	1389412.437	1037920.995	5.049
	285	173.5510	28.311	88.5910	1.70	PARAMENTO	1.43	346.8362	28.307	1389415.745	1037939.668	6.188
	286	182.2339	28.897	88.5839	1.70	PARAMENTO	1.43	355.3109	28.892	1389416.978	1037943.753	6.203
	287	184.5344	28.162	88.5923	1.70	PASARELA	1.43	357.8123	28.158	1389416.320	1037945.040	6.184
	288	171.5536	27.253	89.0230	1.70	PASARELA	1.43	344.8434	27.249	1389414.484	1037938.990	6.143
	289	171.3125	33.224	89.0902	1.70	PASARELA	1.43	344.4404	33.220	1389420.185	1037937.203	6.180
	290	171.3651	33.691	89.1144	1.70	PASARELA	1.43	344.5309	33.688	1389420.650	1037937.129	6.160
	291	161.3351	31.134	89.3547	1.70	CANAL	1.43	334.4809	31.133	1389416.278	1037932.702	5.907
	292	161.1726	31.532	89.3424	1.70	CANAL	1.43	334.2073	31.531	1389416.572	1037932.395	5.922
	293	163.3256	17.613	89.1239	1.70	PASARELA	1.43	336.4656	17.611	1389404.329	1037939.082	5.930
	294	159.2949	16.708	88.5355	1.70	PASARELA	1.43	332.4137	16.705	1389402.988	1037938.379	6.008
	295	86.3338	3.108	85.1215	1.70	PASARELA	1.43	259.4773	3.097	1389387.617	1037943.069	5.947
	296	60.0452	2.115	82.4338	1.70	PASARELA	1.43	232.9979	2.098	1389386.920	1037944.439	5.955
	297	67.2323	2.849	84.0929	1.70	CAM_INSPEC	1.43	240.3065	2.834	1389386.778	1037943.652	5.977
	298	85.0551	2.209	82.2126	1.70	CAM_INSPEC	1.43	258.0143	2.189	1389387.728	1037943.973	5.981
	299	314.0704	6.985	89.3651	1.70	TERRENO	1.43	127.0345	6.985	1389383.975	1037951.690	5.734
	300	294.2319	4.060	89.2123	1.70	TERRENO	1.43	107.3054	4.060	1389386.975	1037949.990	5.733
	301	308.5927	1.402	81.5136	1.70	TERRENO	1.43	121.9076	1.388	1389387.449	1037947.293	5.886
	302	356.4156	3.127	102.1329	1.70	LAGUNA	1.43	169.6156	3.056	1389385.176	1037946.665	5.025
	303	318.3122	3.794	99.3414	1.70	LAGUNA	1.43	131.4395	3.741	1389385.706	1037948.919	5.056
	304	327.4536	7.497	95.2727	1.70	LAGUNA	1.43	140.6768	7.463	1389382.409	1037950.844	4.974
	305	64.1024	36.441	89.5055	1.70	TERRENO	1.43	237.0901	36.441	1389368.383	1037915.521	5.784



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	306	69.4030	35.887	89.4520	1.70	TERRENO	1.43	242.5918	35.887	1389371.663	1037914.256	5.840
	307	76.3237	35.430	89.4021	1.70	TERRENO	1.43	249.4604	35.429	1389375.752	1037912.937	5.890
	308	76.3156	34.911	89.4021	1.70	TERRENO	1.43	249.4490	34.910	1389375.927	1037913.426	5.887
	309	76.3751	32.972	89.4701	1.70	TERRENO	1.43	249.5476	32.972	1389376.661	1037915.221	5.812
	310	76.2433	29.534	89.5223	1.70	TERRENO	1.43	249.3259	29.534	1389377.755	1037918.482	5.753
	311	76.1730	26.891	89.5304	1.70	TERRENO	1.43	249.2084	26.891	1389378.637	1037920.975	5.742
	312	62.0107	35.402	91.0051	1.70	LAGUNA	1.43	234.9354	35.396	1389367.847	1037917.142	5.061
	313	65.3915	34.739	91.1701	1.70	LAGUNA	1.43	238.5709	34.730	1389370.073	1037916.480	4.909
	314	69.5641	34.412	91.0038	1.70	LAGUNA	1.43	242.8615	34.407	1389372.488	1037915.496	5.080
	315	73.4105	33.609	90.3721	1.70	LAGUNA	1.43	246.6015	33.607	1389374.836	1037915.271	5.322
	316	74.3703	33.001	90.3852	1.70	LAGUNA	1.43	247.5343	32.999	1389375.573	1037915.620	5.314
	317	74.0211	30.745	91.0856	1.70	LAGUNA	1.43	246.9531	30.739	1389376.149	1037917.829	5.071
	318	73.2308	27.981	91.1419	1.70	LAGUNA	1.43	246.3023	27.974	1389376.939	1037920.499	5.082
	319	76.3420	14.855	88.5140	1.70	ESTRUCTURA	1.43	249.4890	14.852	1389382.978	1037932.204	5.983
	320	76.5023	15.948	88.5708	1.70	ESTRUCTURA	1.43	249.7565	15.945	1389382.665	1037931.154	5.979
	321	73.4736	14.931	88.5344	1.70	ESTRUCTURA	1.43	246.7101	14.928	1389382.280	1037932.403	5.975
	322	74.1635	15.998	88.5812	1.70	ESTRUCTURA	1.43	247.1931	15.995	1389381.982	1037931.370	5.975
	323	73.4147	14.960	89.2902	1.70	ESTRUCTURA	1.43	246.6131	14.959	1389382.244	1037932.384	5.822
	324	73.4639	15.142	89.3027	1.70	ESTRUCTURA	1.43	246.6943	15.141	1389382.192	1037932.208	5.817
	325	74.0844	16.058	89.2449	1.70	ESTRUCTURA	1.43	247.0623	16.057	1389381.924	1037931.327	5.852
	326	74.0702	15.883	89.2620	1.70	ESTRUCTURA	1.43	247.0340	15.882	1389381.985	1037931.491	5.843
	327	73.0928	14.973	89.4027	1.70	ESTRUCTURA	1.43	246.0745	14.973	1389382.110	1037932.428	5.772
	328	73.2005	15.163	89.3246	1.70	ESTRUCTURA	1.43	246.2515	15.163	1389382.076	1037932.236	5.807
	329	73.1921	16.092	89.3249	1.70	ESTRUCTURA	1.43	246.2393	16.091	1389381.699	1037931.387	5.815
	330	73.1843	15.927	89.2936	1.70	ESTRUCTURA	1.43	246.2287	15.926	1389381.763	1037931.539	5.828
	331	68.3941	15.399	92.1425	1.70	ESTRUCTURA	1.43	241.5781	15.387	1389380.859	1037932.582	5.085
	332	68.3145	15.182	92.1202	1.70	ESTRUCTURA	1.43	241.4459	15.171	1389380.931	1037932.789	5.104
	333	69.0147	16.097	92.0412	1.70	ESTRUCTURA	1.43	241.9465	16.086	1389380.617	1037931.918	5.106
	334	69.0303	16.344	92.1125	1.70	ESTRUCTURA	1.43	241.9676	16.332	1389380.507	1037931.698	5.063
	335	66.5941	15.905	92.4850	1.70	ESTRUCTURA	1.43	239.9115	15.886	1389380.218	1037932.369	4.906
	336	73.4847	15.209	92.1151	1.70	ESTRUCTURA	1.43	246.7298	15.198	1389382.178	1037932.153	5.104
	337	74.0330	15.854	92.0646	1.70	ESTRUCTURA	1.43	246.9751	15.843	1389381.986	1037931.533	5.103
	338	86.1210	9.549	89.4748	1.70	TERRENO	1.43	259.1195	9.549	1389386.380	1037936.737	5.721
	339	93.0949	6.010	88.2752	1.70	TERRENO	1.43	266.0804	6.008	1389387.772	1037940.121	5.848
	340	107.0625	5.333	88.0257	1.70	TERRENO	1.43	280.0237	5.330	1389389.110	1037940.866	5.869
	341	128.1308	6.159	88.4503	1.70	TERRENO	1.43	301.1356	6.158	1389391.366	1037940.844	5.822



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	342	151.2044	11.854	89.0738	1.70	TERRENO	1.43	324.2623	11.853	1389397.803	1037939.192	5.868
	343	135.3406	13.019	95.1538	1.70	LAGUNA	1.43	308.4851	12.964	1389396.250	1037935.966	4.494
	344	122.2043	9.985	97.1452	1.70	LAGUNA	1.43	295.2620	9.905	1389392.410	1037937.157	4.428
	345	116.0614	9.454	97.2431	1.70	LAGUNA	1.43	289.0206	9.375	1389391.238	1037937.251	4.468
	346	110.3805	9.472	97.3055	1.70	LAGUNA	1.43	283.5515	9.391	1389390.383	1037936.985	4.448
	347	106.4818	9.291	97.3656	1.70	LAGUNA	1.43	279.7218	9.209	1389389.737	1037937.038	4.456
	348	101.0500	10.086	96.4617	1.70	LAGUNA	1.43	274.0001	10.016	1389388.881	1037936.123	4.498
	349	93.0933	16.270	94.1639	1.70	LAGUNA	1.43	266.0759	16.225	1389387.072	1037929.928	4.474
	350	156.2954	16.877	88.5425	1.70	ESTRUCTURA	1.43	329.4151	16.874	1389402.709	1037937.529	6.009
	351	157.2226	17.950	88.5903	1.70	ESTRUCTURA	1.43	330.2906	17.947	1389403.770	1037937.220	6.006
	352	156.2322	16.911	89.3436	1.70	ESTRUCTURA	1.43	329.3062	16.911	1389402.724	1037937.482	5.812
	353	156.3309	17.074	89.2827	1.70	ESTRUCTURA	1.43	329.4693	17.073	1389402.889	1037937.441	5.844
	354	157.1241	17.893	89.3254	1.70	ESTRUCTURA	1.43	330.1281	17.892	1389403.698	1037937.203	5.828
	355	157.0757	17.768	89.3059	1.70	ESTRUCTURA	1.43	330.0493	17.767	1389403.577	1037937.244	5.837
	356	156.2802	17.986	89.3510	1.70	ESTRUCTURA	1.43	329.3840	17.986	1389403.661	1037936.955	5.817
	357	156.2033	17.835	89.3511	1.70	ESTRUCTURA	1.43	329.2593	17.835	1389403.511	1037936.998	5.816
	358	155.3117	16.889	89.5729	1.70	ESTRUCTURA	1.43	328.4381	16.889	1389402.573	1037937.274	5.700
	359	155.5502	17.105	89.2904	1.70	ESTRUCTURA	1.43	328.8340	17.104	1389402.818	1037937.263	5.841
	360	152.1330	18.172	91.2415	1.70	ESTRUCTURA	1.43	325.1418	18.167	1389403.089	1037935.731	5.242
	361	152.2201	18.382	91.2317	1.70	ESTRUCTURA	1.43	325.2837	18.377	1389403.288	1037935.649	5.242
	362	151.3113	17.219	91.2622	1.70	ESTRUCTURA	1.43	324.4370	17.214	1389402.185	1037936.103	5.255
	363	151.4035	17.463	91.2622	1.70	ESTRUCTURA	1.43	324.5931	17.457	1389402.411	1037936.000	5.249
	364	149.1427	18.231	92.3530	1.70	ESTRUCTURA	1.43	322.1576	18.212	1389402.565	1037934.941	4.863
	365	156.5754	17.755	91.3324	1.70	ESTRUCTURA	1.43	329.8818	17.748	1389403.535	1037937.209	5.205
	366	156.2912	17.112	91.3732	1.70	ESTRUCTURA	1.43	329.4034	17.105	1389402.906	1037937.408	5.202
	367	178.2122	26.129	89.3551	1.70	ARBOL	1.43	351.2729	26.128	1389414.008	1037942.150	5.871
	368	173.2554	32.610	89.0453	1.70	PARAMENTO	1.43	346.3484	32.606	1389419.867	1037938.419	6.210
	369	161.1523	24.745	89.2730	1.70	TERRENO	1.43	334.1731	24.744	1389410.455	1037935.335	5.921
	370	162.0230	28.803	89.3836	1.70	TERRENO	1.43	334.9584	28.802	1389414.277	1037933.923	5.867
	371	161.1824	31.608	89.4851	1.70	TERRENO	1.43	334.2234	31.608	1389416.645	1037932.369	5.790
	372	157.0718	33.411	89.5405	1.70	TERRENO	1.43	330.0384	33.411	1389417.128	1037929.428	5.745
	373	152.3333	34.222	89.5647	1.70	TERRENO	1.43	325.4759	34.222	1389416.377	1037926.719	5.719
	374	148.4307	31.917	92.1134	1.70	LAGUNA	1.43	321.6354	31.894	1389413.189	1037926.319	4.466
	375	152.1258	31.038	92.2008	1.70	LAGUNA	1.43	325.1329	31.012	1389413.627	1037928.386	4.422
	376	154.1654	29.492	92.3226	1.70	LAGUNA	1.43	327.1984	29.463	1389412.948	1037930.153	4.380
	377	153.4438	27.460	92.3751	1.70	LAGUNA	1.43	326.6606	27.431	1389411.099	1037931.038	4.427



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	378	152.3042	25.875	93.0124	1.70	LAGUNA	1.43	325.4284	25.839	1389409.459	1037931.452	4.323
	379	87.5540	31.384	92.3847	1.70	LAGUNA	1.43	260.8445	31.351	1389383.194	1037915.163	4.238
E12005-E12003	E12003	0.0000	47.120	91.0649	1.70	ESTACION	1.44	40.5131	47.104	1389369.082	1037883.254	6.025
	380	119.2609	7.624	89.1844	1.70	TERRENO	1.44	339.9490	7.623	1389376.244	1037880.641	5.858
	381	120.5928	5.134	88.1209	1.70	TERRENO	1.44	341.5043	5.131	1389373.949	1037881.627	5.927
	382	147.2323	3.100	88.5327	1.70	TERRENO	1.44	7.9029	3.099	1389372.152	1037883.681	5.826
	383	191.0632	5.015	95.3224	1.70	TERRENO	1.44	51.6220	4.992	1389372.181	1037887.167	5.282
	384	199.0651	8.215	94.1502	1.70	TERRENO	1.44	59.6273	8.192	1389373.224	1037890.322	5.157
	385	186.3110	8.861	99.2217	1.70	LAGUNA	1.44	47.0326	8.743	1389375.041	1037889.652	4.323
	386	176.1600	7.200	100.3236	1.70	LAGUNA	1.44	36.7798	7.078	1389374.752	1037887.493	4.449
	387	155.0529	5.712	103.0033	1.70	LAGUNA	1.44	15.6045	5.565	1389374.442	1037884.751	4.480
	388	144.1224	7.606	100.0501	1.70	LAGUNA	1.44	4.7198	7.489	1389376.545	1037883.871	4.434
	389	140.1606	9.222	98.1820	1.70	LAGUNA	1.44	0.7815	9.125	1389378.207	1037883.379	4.434
	390	116.3646	16.025	89.0723	1.70	ESTRUCTURA	1.44	337.1259	16.023	1389383.845	1037877.026	6.011
	391	112.5036	16.174	89.0539	1.70	ESTRUCTURA	1.44	333.3565	16.172	1389383.537	1037876.002	6.022
	392	116.4057	16.166	89.5005	1.70	ESTRUCTURA	1.44	337.1956	16.166	1389383.985	1037876.989	5.813
	393	116.4921	15.945	89.5123	1.70	ESTRUCTURA	1.44	337.3356	15.945	1389383.796	1037877.110	5.806
	394	122.3522	16.129	89.4119	1.70	ESTRUCTURA	1.44	343.1026	16.129	1389384.515	1037878.566	5.854
	395	122.3403	15.922	89.4001	1.70	ESTRUCTURA	1.44	343.0806	15.922	1389384.315	1037878.621	5.859
	396	126.2811	16.217	91.3405	1.70	ESTRUCTURA	1.44	346.9829	16.211	1389384.877	1037879.603	5.322
	397	126.2950	16.068	91.3158	1.70	ESTRUCTURA	1.44	347.0104	16.062	1389384.733	1037879.644	5.336
	398	126.4405	16.943	91.4832	1.70	ESTRUCTURA	1.44	347.2479	16.935	1389385.599	1037879.516	5.231
	399	126.4935	17.116	91.5532	1.70	ESTRUCTURA	1.44	347.3395	17.106	1389385.773	1037879.505	5.191
	400	122.0804	17.081	89.4219	1.70	ESTRUCTURA	1.44	342.6476	17.081	1389385.386	1037878.160	5.854
	401	121.5817	16.906	89.4045	1.70	ESTRUCTURA	1.44	342.4845	16.906	1389385.204	1037878.166	5.861
	402	114.4106	17.255	89.4713	1.70	ESTRUCTURA	1.44	335.1981	17.255	1389384.746	1037876.016	5.830
	403	114.3640	17.058	89.4300	1.70	ESTRUCTURA	1.44	335.1243	17.058	1389384.557	1037876.079	5.850
	404	114.3102	17.001	91.1415	1.70	ESTRUCTURA	1.44	335.0304	16.997	1389384.491	1037876.079	5.399
	405	113.3649	16.198	91.3924	1.70	ESTRUCTURA	1.44	334.1268	16.191	1389383.650	1037876.189	5.298
	406	123.0453	23.959	90.1213	1.70	TERRENO	1.44	343.5945	23.959	1389392.066	1037876.488	5.681
	407	123.0851	27.769	90.1941	1.70	TERRENO	1.44	343.6606	27.769	1389395.729	1037875.442	5.607
	408	125.2759	31.546	90.0458	1.70	TERRENO	1.44	345.9795	31.546	1389399.688	1037875.612	5.721
	409	131.2934	32.239	90.1747	1.70	TERRENO	1.44	352.0059	32.239	1389401.007	1037878.771	5.599
	410	137.1001	33.185	90.2331	1.70	TERRENO	1.44	357.6801	33.184	1389402.239	1037881.911	5.539
	411	139.0004	30.931	92.3037	1.70	LAGUNA	1.44	359.5143	30.901	1389399.982	1037882.992	4.411
	412	132.3252	30.023	92.3248	1.70	LAGUNA	1.44	353.0609	29.993	1389398.856	1037879.631	4.432



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	413	128.2345	29.102	92.3928	1.70	LAGUNA	1.44	348.9090	29.071	1389397.610	1037877.662	4.417
	414	128.0640	26.909	92.5035	1.70	LAGUNA	1.44	348.6243	26.876	1389395.430	1037877.953	4.431
	415	129.1653	24.438	93.2038	1.70	LAGUNA	1.44	349.7945	24.396	1389393.093	1037878.932	4.341
	416	148.5018	35.139	90.3521	1.70	ARBOL	1.44	9.3515	35.137	1389403.752	1037888.964	5.405
	417	149.5943	34.567	91.1321	1.70	ARBOL	1.44	10.5084	34.559	1389403.062	1037889.557	5.029
	418	173.4016	46.848	91.3717	1.70	LAGUNA	1.44	34.1843	46.829	1389407.821	1037909.566	4.441
E12007		0.0000				ESTACION		0.0000		1389388.189	1037946.119	5.958
E12005	E12007	0.0000	65.694	89.4904	1.70	ESTACION	1.44	253.0940		1389369.082	1037883.254	6.025
	ELAG1_04	0.1129	62.046	89.4643	1.70	MOJON	1.44	73.2854	62.046	1389386.927	1037942.678	6.006
	1E	19.5253	27.693	94.5418	0.00	LAGUNA	1.44	92.9754	27.592	1389367.650	1037910.809	5.098
	1F	19.5253	27.693	94.5418	0.27	LAGUNA	1.44	92.9754	27.592	1389367.650	1037910.809	4.828
	2E	20.4633	26.477	95.0825	0.00	LAGUNA	1.44	93.8698	26.371	1389367.302	1037909.565	5.094
	2F	20.4633	26.477	95.0825	0.89	LAGUNA	1.44	93.8698	26.371	1389367.302	1037909.565	4.204
	3E	21.2538	25.579	95.1846	0.00	LAGUNA	1.44	94.5212	25.469	1389367.075	1037908.644	5.098
	3F	21.2538	25.579	95.1846	1.16	LAGUNA	1.44	94.5212	25.469	1389367.075	1037908.644	3.938
	4E	22.4003	24.747	95.2950	0.00	LAGUNA	1.44	95.7615	24.633	1389366.609	1037907.763	5.095
	4F	22.4003	24.747	95.2950	1.04	LAGUNA	1.44	95.7615	24.633	1389366.609	1037907.763	4.055
	5E	24.3914	22.845	95.5658	0.00	LAGUNA	1.44	97.7479	22.722	1389366.019	1037905.769	5.098
	5F	24.3914	22.845	95.5658	1.11	LAGUNA	1.44	97.7479	22.722	1389366.019	1037905.769	3.988
	6E	29.5523	19.263	97.0343	0.00	LAGUNA	1.44	103.0170	19.117	1389364.776	1037901.880	5.098
	6F	29.5523	19.263	97.0343	1.20	LAGUNA	1.44	103.0170	19.117	1389364.776	1037901.880	3.898
	7E	37.1821	15.929	98.3315	0.00	LAGUNA	1.44	110.3998	15.752	1389363.592	1037898.018	5.097
	7F	37.1821	15.929	98.3315	1.20	LAGUNA	1.44	110.3998	15.752	1389363.592	1037898.018	3.897
	8E	41.2405	14.188	99.3550	0.00	LAGUNA	1.44	114.4954	13.989	1389363.282	1037895.985	5.101
	8F	41.2405	14.188	99.3550	1.30	LAGUNA	1.44	114.4954	13.989	1389363.282	1037895.985	3.801
	9E	56.4407	11.959	101.2547	0.00	LAGUNA	1.44	129.8293	11.722	1389361.574	1037892.256	5.096
	9F	56.4407	11.959	101.2547	1.32	LAGUNA	1.44	129.8293	11.722	1389361.574	1037892.256	3.776
	10E	65.3127	10.948	102.3016	0.00	LAGUNA	1.44	138.6181	10.688	1389361.063	1037890.320	5.096
	10F	65.3127	10.948	102.3016	1.25	LAGUNA	1.44	138.6181	10.688	1389361.063	1037890.320	3.846
	11E	105.2004	10.688	102.4629	0.00	LAGUNA	1.44	178.4284	10.423	1389358.663	1037883.540	5.103
	11F	105.2004	10.688	102.4629	1.24	LAGUNA	1.44	178.4284	10.423	1389358.663	1037883.540	3.863
	12E	115.3341	11.190	102.1505	0.00	LAGUNA	1.44	188.6554	10.935	1389358.272	1037881.609	5.092
	12F	115.3341	11.190	102.1505	1.24	LAGUNA	1.44	188.6554	10.935	1389358.272	1037881.609	3.852
	13E	124.5543	12.133	101.1440	0.00	LAGUNA	1.44	198.0226	11.900	1389357.766	1037879.573	5.100
	13F	124.5543	12.133	101.1440	1.22	LAGUNA	1.44	198.0226	11.900	1389357.766	1037879.573	3.880
	14E	128.3047	12.712	100.4316	0.00	LAGUNA	1.44	201.6070	12.490	1389357.470	1037878.655	5.101



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	14F	128.3047	12.712	100.4316	0.85	LAGUNA	1.44	201.6070	12.490	1389357.470	1037878.655	4.251
	15E	47.1444	38.156	93.3350	0.00	LAGUNA	1.44	120.3395	38.082	1389349.846	1037916.121	5.094
	15F	47.1444	38.156	93.3350	0.54	LAGUNA	1.44	120.3395	38.082	1389349.846	1037916.121	4.554
	16E	51.0042	36.361	93.4415	0.00	LAGUNA	1.44	124.1056	36.284	1389348.737	1037913.297	5.096
	16F	51.0042	36.361	93.4415	1.18	LAGUNA	1.44	124.1056	36.284	1389348.737	1037913.297	3.916
	17E	54.4758	34.354	93.5709	0.00	LAGUNA	1.44	127.8934	34.272	1389348.032	1037910.301	5.098
	17F	54.4758	34.354	93.5709	1.20	LAGUNA	1.44	127.8934	34.272	1389348.032	1037910.301	3.898
	18E	60.4748	32.346	94.1219	0.00	LAGUNA	1.44	133.8906	32.259	1389346.718	1037906.502	5.094
	18F	60.4748	32.346	94.1219	1.20	LAGUNA	1.44	133.8906	32.259	1389346.718	1037906.502	3.894
	19E	65.5422	31.164	94.2132	0.00	LAGUNA	1.44	139.0001	31.074	1389345.630	1037903.641	5.098
	19F	65.5422	31.164	94.2132	1.23	LAGUNA	1.44	139.0001	31.074	1389345.630	1037903.641	3.868
	20E	73.0159	29.607	94.3448	0.00	LAGUNA	1.44	146.1270	29.512	1389344.579	1037899.703	5.102
	20F	73.0159	29.607	94.3448	1.27	LAGUNA	1.44	146.1270	29.512	1389344.579	1037899.703	3.832
	21E	80.5634	28.934	94.4044	0.00	LAGUNA	1.44	154.0368	28.838	1389343.155	1037895.879	5.106
	21F	80.5634	28.934	94.4044	1.30	LAGUNA	1.44	154.0368	28.838	1389343.155	1037895.879	3.811
	22E	89.0245	28.338	94.4716	0.00	LAGUNA	1.44	162.1398	28.239	1389342.204	1037891.915	5.101
	22F	89.0245	28.338	94.4716	1.28	LAGUNA	1.44	162.1398	28.239	1389342.204	1037891.915	3.821
	23E	97.1227	29.076	94.4039	0.00	LAGUNA	1.44	170.3015	28.979	1389340.517	1037888.136	5.095
	23F	97.1227	29.076	94.4039	1.23	LAGUNA	1.44	170.3015	28.979	1389340.517	1037888.136	3.865
	24E	104.5655	24.358	94.3434	0.00	LAGUNA	1.44	178.0426	24.280	1389344.816	1037884.084	5.523
	24F	104.5655	24.358	94.3434	0.80	LAGUNA	1.44	178.0426	24.280	1389344.816	1037884.084	4.723
	25E	62.2910	55.046	92.2747	0.00	LAGUNA	1.44	135.5801	54.995	1389329.803	1037921.746	5.100
	25F	62.2910	55.046	92.2747	0.75	LAGUNA	1.44	135.5801	54.995	1389329.803	1037921.746	4.350
	26E	64.1545	54.463	92.2912	0.00	LAGUNA	1.44	137.3565	54.412	1389329.058	1037920.115	5.103
	26F	64.1545	54.463	92.2912	1.13	LAGUNA	1.44	137.3565	54.412	1389329.058	1037920.115	3.973
	27E	68.1101	52.650	92.3446	0.00	LAGUNA	1.44	141.2776	52.597	1389328.047	1037916.156	5.097
	27F	68.1101	52.650	92.3446	1.14	LAGUNA	1.44	141.2776	52.597	1389328.047	1037916.156	3.957
	28E	72.2658	51.247	92.3853	0.00	LAGUNA	1.44	145.5434	51.192	1389326.871	1037912.218	5.098
	28F	72.2658	51.247	92.3853	1.20	LAGUNA	1.44	145.5434	51.192	1389326.871	1037912.218	3.898
	29E	76.4836	50.193	92.4213	0.00	LAGUNA	1.44	149.9040	50.137	1389325.704	1037908.396	5.099
	29F	76.4836	50.193	92.4213	1.24	LAGUNA	1.44	149.9040	50.137	1389325.704	1037908.396	3.859
	30E	80.1440	49.677	92.4402	0.00	LAGUNA	1.44	153.3384	49.620	1389324.738	1037905.520	5.097
	30F	80.1440	49.677	92.4402	1.27	LAGUNA	1.44	153.3384	49.620	1389324.738	1037905.520	3.827
	31E	84.5638	49.017	92.4534	0.00	LAGUNA	1.44	158.0379	48.960	1389323.675	1037901.565	5.106
	31F	84.5638	49.017	92.4534	1.28	LAGUNA	1.44	158.0379	48.960	1389323.675	1037901.565	3.826
	32E	88.3146	48.832	92.4632	0.00	LAGUNA	1.44	161.6234	48.775	1389322.795	1037898.631	5.101



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	32F	88.3146	48.832	92.4632	1.27	LAGUNA	1.44	161.6234	48.775	1389322.795	1037898.631	3.831
	33E	94.2732	48.886	92.4633	0.00	LAGUNA	1.44	167.5529	48.829	1389321.401	1037893.779	5.099
	33F	94.2732	48.886	92.4633	1.05	LAGUNA	1.44	167.5529	48.829	1389321.401	1037893.779	4.049
	34E	98.0829	49.133	92.4510	0.00	LAGUNA	1.44	171.2354	49.076	1389320.579	1037890.732	5.106
	34F	98.0829	49.133	92.4510	1.04	LAGUNA	1.44	171.2354	49.076	1389320.579	1037890.732	4.066
	35E	98.5600	49.299	92.4439	0.00	LAGUNA	1.44	172.0273	49.242	1389320.316	1037890.084	5.106
	35F	98.5600	49.299	92.4439	0.68	LAGUNA	1.44	172.0273	49.242	1389320.316	1037890.084	4.426
	36E	68.3249	70.297	91.5550	0.00	LAGUNA	1.44	141.6409	70.257	1389313.991	1037926.855	5.098
	36F	68.3249	70.297	91.5550	0.40	LAGUNA	1.44	141.6409	70.257	1389313.991	1037926.855	4.698
	37E	70.5140	68.948	91.5745	0.00	LAGUNA	1.44	143.9551	68.908	1389313.367	1037923.801	5.105
	37F	70.5140	68.948	91.5745	1.29	LAGUNA	1.44	143.9551	68.908	1389313.367	1037923.801	3.820
	38E	70.0656	69.510	91.5709	0.00	LAGUNA	1.44	143.2095	69.470	1389313.449	1037924.859	5.098
	38F	70.0656	69.510	91.5709	1.20	LAGUNA	1.44	143.2095	69.470	1389313.449	1037924.859	3.898
	39E	69.2145	69.754	91.5617	0.00	LAGUNA	1.44	142.4565	69.714	1389313.807	1037925.736	5.107
	39F	69.2145	69.754	91.5617	0.95	LAGUNA	1.44	142.4565	69.714	1389313.807	1037925.736	4.157
	40E	73.2041	68.050	91.5911	0.00	LAGUNA	1.44	146.4387	68.009	1389312.411	1037920.852	5.107
	40F	73.2041	68.050	91.5911	1.24	LAGUNA	1.44	146.4387	68.009	1389312.411	1037920.852	3.867
	41E	75.4537	66.841	92.0059	0.00	LAGUNA	1.44	148.8543	66.800	1389311.911	1037917.804	5.114
	41F	75.4537	66.841	92.0059	1.24	LAGUNA	1.44	148.8543	66.800	1389311.911	1037917.804	3.874
	42E	80.4026	64.796	92.0449	0.00	LAGUNA	1.44	153.7679	64.753	1389310.998	1037911.876	5.114
	42F	80.4026	64.796	92.0449	1.24	LAGUNA	1.44	153.7679	64.753	1389310.998	1037911.876	3.874
	43E	84.1406	63.989	92.0653	0.00	LAGUNA	1.44	157.3290	63.945	1389310.078	1037907.901	5.105
	43F	84.1406	63.989	92.0653	1.27	LAGUNA	1.44	157.3290	63.945	1389310.078	1037907.901	3.840
	44E	87.5137	63.326	92.0800	0.00	LAGUNA	1.44	160.9543	63.282	1389309.264	1037903.905	5.109
	44F	87.5137	63.326	92.0800	1.25	LAGUNA	1.44	160.9543	63.282	1389309.264	1037903.905	3.859
	45E	91.3321	63.032	92.0848	0.00	LAGUNA	1.44	164.6498	62.988	1389308.341	1037899.928	5.105
	45F	91.3321	63.032	92.0848	1.27	LAGUNA	1.44	164.6498	62.988	1389308.341	1037899.928	3.835
	46E	94.1950	62.925	92.0912	0.00	LAGUNA	1.44	167.4245	62.881	1389307.710	1037896.945	5.102
	46F	94.1950	62.925	92.0912	1.27	LAGUNA	1.44	167.4245	62.881	1389307.710	1037896.945	3.837
	47E	97.1136	63.047	92.0733	0.00	LAGUNA	1.44	170.2873	63.004	1389306.982	1037893.884	5.127
	47F	97.1136	63.047	92.0733	0.60	LAGUNA	1.44	170.2873	63.004	1389306.982	1037893.884	4.527
	48E	81.5057	57.529	92.2055	0.00	LAGUNA	1.44	154.9431	57.481	1389317.011	1037907.598	5.109
	48F	81.5057	57.529	92.2055	1.33	LAGUNA	1.44	154.9431	57.481	1389317.011	1037907.598	3.784
	49E	80.0204	45.653	92.5822	0.00	LAGUNA	1.44	153.1284	45.592	1389328.414	1037903.861	5.098
	49F	80.0204	45.653	92.5822	1.27	LAGUNA	1.44	153.1284	45.592	1389328.414	1037903.861	3.828
	50E	77.1925	37.781	93.3431	0.00	LAGUNA	1.44	150.4176	37.707	1389336.290	1037901.870	5.110



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	50F	77.1925	37.781	93.3431	1.25	LAGUNA	1.44	150.4176	37.707	1389336.290	1037901.870	3.860
	51E	71.1101	24.860	95.2618	0.00	LAGUNA	1.44	144.2776	24.748	1389348.990	1037897.704	5.110
	51F	71.1101	24.860	95.2618	1.30	LAGUNA	1.44	144.2776	24.748	1389348.990	1037897.704	3.810
	52E	52.1252	13.874	99.4739	0.00	LAGUNA	1.44	125.3084	13.672	1389361.180	1037894.411	5.106
	52F	52.1252	13.874	99.4739	1.36	LAGUNA	1.44	125.3084	13.672	1389361.180	1037894.411	3.746
	53E	38.0734	10.974	102.2625	0.00	LAGUNA	1.44	111.2201	10.716	1389365.203	1037893.244	5.102
	53F	38.0734	10.974	102.2625	1.16	LAGUNA	1.44	111.2201	10.716	1389365.203	1037893.244	3.942
	54E	30.0837	10.306	103.1638	0.00	LAGUNA	1.44	103.2376	10.031	1389366.785	1037893.018	5.099
	54F	30.0837	10.306	103.1638	0.70	LAGUNA	1.44	103.2376	10.031	1389366.785	1037893.018	4.399
E12005		0.0000				ESTACION		0.0000		1389369.082	1037883.254	6.025
E12007	E12005	0.0000	65.693	89.4356	1.70	ESTACION	1.43	73.0940		1389388.189	1037946.119	5.958
	ELAG1_03	359.0823	66.086	89.4329	1.70	MOJON	1.43	252.2337	66.085	1389368.024	1037883.185	6.009
	55E	264.3523	19.536	96.4317	0.00	LAGUNA	1.43	157.6837	19.402	1389370.240	1037953.486	5.105
	55F	264.3523	19.536	96.4317	0.60	LAGUNA	1.43	157.6837	19.402	1389370.240	1037953.486	4.505
	56E	267.4116	19.429	96.4701	0.00	LAGUNA	1.43	160.7818	19.293	1389369.971	1037952.469	5.096
	56F	267.4116	19.429	96.4701	1.06	LAGUNA	1.43	160.7818	19.293	1389369.971	1037952.469	4.036
	57E	270.3227	19.430	96.4756	0.00	LAGUNA	1.43	163.6348	19.293	1389369.677	1037951.555	5.091
	57F	270.3227	19.430	96.4756	1.12	LAGUNA	1.43	163.6348	19.293	1389369.677	1037951.555	3.971
	58E	279.5212	19.643	96.4248	0.00	LAGUNA	1.43	172.9640	19.508	1389368.828	1037948.508	5.095
	58F	279.5212	19.643	96.4248	1.22	LAGUNA	1.43	172.9640	19.508	1389368.828	1037948.508	3.875
	59E	288.4144	20.226	96.3106	0.00	LAGUNA	1.43	181.7895	20.095	1389368.104	1037945.491	5.095
	59F	288.4144	20.226	96.3106	1.24	LAGUNA	1.43	181.7895	20.095	1389368.104	1037945.491	3.855
	60E	296.3334	21.318	96.1102	0.00	LAGUNA	1.43	189.6534	21.194	1389367.295	1037942.565	5.095
	60F	296.3334	21.318	96.1102	1.37	LAGUNA	1.43	189.6534	21.194	1389367.295	1037942.565	3.725
	61E	305.4553	23.238	95.4049	0.00	LAGUNA	1.43	198.8587	23.124	1389366.306	1037938.644	5.091
	61F	305.4553	23.238	95.4049	1.20	LAGUNA	1.43	198.8587	23.124	1389366.306	1037938.644	3.891
	62E	311.3128	25.087	95.1518	0.00	LAGUNA	1.43	204.6184	24.982	1389365.478	1037935.712	5.093
	62F	311.3128	25.087	95.1518	1.27	LAGUNA	1.43	204.6184	24.982	1389365.478	1037935.712	3.823
	63E	316.4618	27.019	94.5253	0.00	LAGUNA	1.43	209.8656	26.921	1389364.843	1037932.713	5.092
	63F	316.4618	27.019	94.5253	1.29	LAGUNA	1.43	209.8656	26.921	1389364.843	1037932.713	3.802
	64E	322.0253	30.150	94.2206	0.00	LAGUNA	1.43	215.1420	30.062	1389363.606	1037928.814	5.095
	64F	322.0253	30.150	94.2206	1.26	LAGUNA	1.43	215.1420	30.062	1389363.606	1037928.814	3.840
	65E	325.5031	32.384	94.0356	0.00	LAGUNA	1.43	218.9359	32.303	1389363.063	1037925.818	5.095
	65F	325.5031	32.384	94.0356	1.30	LAGUNA	1.43	218.9359	32.303	1389363.063	1037925.818	3.795
	66E	327.4207	34.166	93.5048	0.00	LAGUNA	1.43	220.7959	34.089	1389362.382	1037923.846	5.099
	66F	327.4207	34.166	93.5048	1.24	LAGUNA	1.43	220.7959	34.089	1389362.382	1037923.846	3.859



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	67E	329.2725	35.922	93.3920	0.00	LAGUNA	1.43	222.5509	35.849	1389361.780	1037921.876	5.101
	67F	329.2725	35.922	93.3920	1.10	LAGUNA	1.43	222.5509	35.849	1389361.780	1037921.876	4.001
	68E	330.2424	36.675	93.3319	0.00	LAGUNA	1.43	223.5006	36.604	1389361.637	1037920.921	5.117
	68F	330.2424	36.675	93.3319	0.86	LAGUNA	1.43	223.5006	36.604	1389361.637	1037920.921	4.257
	69E	268.5109	37.230	93.1616	0.00	LAGUNA	1.43	161.9465	37.169	1389352.850	1037957.638	5.267
	69F	268.5109	37.230	93.1616	0.99	LAGUNA	1.43	161.9465	37.169	1389352.850	1037957.638	4.277
	70E	270.2711	40.173	93.1619	0.00	LAGUNA	1.43	163.5470	40.108	1389349.724	1037957.478	5.098
	70F	270.2711	40.173	93.1619	1.10	LAGUNA	1.43	163.5470	40.108	1389349.724	1037957.478	4.003
	71E	273.2222	40.144	93.1708	0.00	LAGUNA	1.43	166.4668	40.078	1389349.224	1037955.497	5.090
	71F	273.2222	40.144	93.1708	1.24	LAGUNA	1.43	166.4668	40.078	1389349.224	1037955.497	3.850
	72E	276.1457	40.058	93.1732	0.00	LAGUNA	1.43	169.3431	39.992	1389348.887	1037953.514	5.091
	72F	276.1457	40.058	93.1732	1.20	LAGUNA	1.43	169.3431	39.992	1389348.887	1037953.514	3.891
	73E	280.3803	40.283	93.1615	0.00	LAGUNA	1.43	173.7281	40.217	1389348.212	1037950.512	5.093
	73F	280.3803	40.283	93.1615	1.25	LAGUNA	1.43	173.7281	40.217	1389348.212	1037950.512	3.843
	74E	284.5408	40.708	93.1358	0.00	LAGUNA	1.43	177.9962	40.643	1389347.571	1037947.540	5.095
	74F	284.5408	40.708	93.1358	1.20	LAGUNA	1.43	177.9962	40.643	1389347.571	1037947.540	3.895
	75E	289.0456	41.522	93.0937	0.00	LAGUNA	1.43	182.1762	41.459	1389346.760	1037944.544	5.102
	75F	289.0456	41.522	93.0937	1.26	LAGUNA	1.43	182.1762	41.459	1389346.760	1037944.544	3.842
	76E	293.0402	42.317	93.0653	0.00	LAGUNA	1.43	186.1612	42.254	1389346.179	1037941.584	5.092
	76F	293.0402	42.317	93.0653	1.25	LAGUNA	1.43	186.1612	42.254	1389346.179	1037941.584	3.842
	77E	296.5934	43.325	93.0241	0.00	LAGUNA	1.43	190.0868	43.264	1389345.594	1037938.541	5.090
	77F	296.5934	43.325	93.0241	1.26	LAGUNA	1.43	190.0868	43.264	1389345.594	1037938.541	3.830
	78E	305.0337	46.554	92.4943	0.00	LAGUNA	1.43	198.1543	46.497	1389344.006	1037931.631	5.094
	78F	305.0337	46.554	92.4943	1.19	LAGUNA	1.43	198.1543	46.497	1389344.006	1037931.631	3.904
	79E	307.3233	47.801	92.4508	0.00	LAGUNA	1.43	200.6365	47.746	1389343.507	1037929.291	5.096
	79F	307.3233	47.801	92.4508	1.18	LAGUNA	1.43	200.6365	47.746	1389343.507	1037929.291	3.921
	80E	310.0931	49.287	92.4013	0.00	LAGUNA	1.43	203.2526	49.233	1389342.955	1037926.682	5.095
	80F	310.0931	49.287	92.4013	0.95	LAGUNA	1.43	203.2526	49.233	1389342.955	1037926.682	4.150
	81E	268.4814	59.956	92.0939	0.00	LAGUNA	1.43	161.8979	59.913	1389331.241	1037964.734	5.130
	81F	268.4814	59.956	92.0939	0.43	LAGUNA	1.43	161.8979	59.913	1389331.241	1037964.734	4.700
	82E	269.5845	60.040	92.1319	0.00	LAGUNA	1.43	163.0731	59.995	1389330.793	1037963.586	5.063
	82F	269.5845	60.040	92.1319	1.07	LAGUNA	1.43	163.0731	59.995	1389330.793	1037963.586	3.993
	83E	270.5110	59.961	92.1204	0.00	LAGUNA	1.43	163.9468	59.917	1389330.609	1037962.687	5.088
	83F	270.5110	59.961	92.1204	1.18	LAGUNA	1.43	163.9468	59.917	1389330.609	1037962.687	3.913
	84E	272.4806	59.896	92.1212	0.00	LAGUNA	1.43	165.8956	59.852	1389330.142	1037960.704	5.088
	84F	272.4806	59.896	92.1212	1.19	LAGUNA	1.43	165.8956	59.852	1389330.142	1037960.704	3.898



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	85E	274.4941	59.726	92.1238	0.00	LAGUNA	1.43	167.9220	59.682	1389329.829	1037958.606	5.087
	85F	274.4941	59.726	92.1238	1.36	LAGUNA	1.43	167.9220	59.682	1389329.829	1037958.606	3.727
	86E	276.4245	59.999	92.1141	0.00	LAGUNA	1.43	169.8065	59.955	1389329.180	1037956.729	5.093
	86F	276.4245	59.999	92.1141	1.20	LAGUNA	1.43	169.8065	59.955	1389329.180	1037956.729	3.893
	87E	279.3622	60.186	92.1129	0.00	LAGUNA	1.43	172.7001	60.142	1389328.535	1037953.760	5.090
	87F	279.3622	60.186	92.1129	1.24	LAGUNA	1.43	172.7001	60.142	1389328.535	1037953.760	3.850
	88E	282.2935	60.488	92.1101	0.00	LAGUNA	1.43	175.5870	60.444	1389327.924	1037950.769	5.086
	88F	282.2935	60.488	92.1101	1.25	LAGUNA	1.43	175.5870	60.444	1389327.924	1037950.769	3.836
	89E	285.2406	60.542	92.1052	0.00	LAGUNA	1.43	178.4956	60.498	1389327.712	1037947.707	5.087
	89F	285.2406	60.542	92.1052	1.19	LAGUNA	1.43	178.4956	60.498	1389327.712	1037947.707	3.897
	90E	288.1151	61.305	92.0855	0.00	LAGUNA	1.43	181.2915	61.262	1389326.943	1037944.738	5.093
	90F	288.1151	61.305	92.0855	1.17	LAGUNA	1.43	181.2915	61.262	1389326.943	1037944.738	3.928
	91E	290.5536	62.147	92.0728	0.00	LAGUNA	1.43	184.0206	62.104	1389326.238	1037941.764	5.087
	91F	290.5536	62.147	92.0728	1.16	LAGUNA	1.43	184.0206	62.104	1389326.238	1037941.764	3.927
	92E	293.3351	63.283	92.0519	0.00	LAGUNA	1.43	186.6581	63.241	1389325.375	1037938.786	5.085
	92F	293.3351	63.283	92.0519	1.17	LAGUNA	1.43	186.6581	63.241	1389325.375	1037938.786	3.915
	93E	295.1805	63.890	92.0404	0.00	LAGUNA	1.43	188.3954	63.848	1389325.025	1037936.797	5.086
	93F	295.1805	63.890	92.0404	1.18	LAGUNA	1.43	188.3954	63.848	1389325.025	1037936.797	3.911
	94E	296.3905	64.470	92.0248	0.00	LAGUNA	1.43	189.7454	64.429	1389324.690	1037935.213	5.089
	94F	296.3905	64.470	92.0248	1.16	LAGUNA	1.43	189.7454	64.429	1389324.690	1037935.213	3.929
	95E	270.1027	76.191	91.4341	0.00	LAGUNA	1.43	163.2681	76.156	1389315.257	1037968.043	5.093
	95F	270.1027	76.191	91.4341	1.04	LAGUNA	1.43	163.2681	76.156	1389315.257	1037968.043	4.053
	96E	270.5853	76.267	91.4409	0.00	LAGUNA	1.43	164.0754	76.232	1389314.883	1037967.035	5.081
	96F	270.5853	76.267	91.4409	1.16	LAGUNA	1.43	164.0754	76.232	1389314.883	1037967.035	3.921
	97E	272.3303	76.179	91.4410	0.00	LAGUNA	1.43	165.6448	76.144	1389314.422	1037964.997	5.083
	97F	272.3303	76.179	91.4410	1.26	LAGUNA	1.43	165.6448	76.144	1389314.422	1037964.997	3.823
	98E	273.5439	75.909	91.4439	0.00	LAGUNA	1.43	167.0048	75.874	1389314.258	1037963.180	5.081
	98F	273.5439	75.909	91.4439	1.29	LAGUNA	1.43	167.0048	75.874	1389314.258	1037963.180	3.796
	99E	276.0435	75.659	91.4501	0.00	LAGUNA	1.43	169.1704	75.624	1389313.912	1037960.327	5.080
	99F	276.0435	75.659	91.4501	1.32	LAGUNA	1.43	169.1704	75.624	1389313.912	1037960.327	3.760
	100E	277.3500	76.038	91.4502	0.00	LAGUNA	1.43	170.6773	76.003	1389313.190	1037958.431	5.068
	100F	277.3500	76.038	91.4502	1.35	LAGUNA	1.43	170.6773	76.003	1389313.190	1037958.431	3.718
	101E	280.3958	75.953	91.4420	0.00	LAGUNA	1.43	173.7601	75.918	1389312.721	1037954.370	5.086
	101F	280.3958	75.953	91.4420	1.30	LAGUNA	1.43	173.7601	75.918	1389312.721	1037954.370	3.791
	102E	283.4641	76.191	91.4413	0.00	LAGUNA	1.43	176.8720	76.156	1389312.146	1037950.274	5.082
	102F	283.4641	76.191	91.4413	1.25	LAGUNA	1.43	176.8720	76.156	1389312.146	1037950.274	3.832



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	103E	286.0202	76.863	91.4317	0.00	LAGUNA	1.43	179.1279	76.828	1389311.370	1037947.288	5.082
	103F	286.0202	76.863	91.4317	1.25	LAGUNA	1.43	179.1279	76.828	1389311.370	1037947.288	3.832
	104E	288.2418	77.159	91.4258	0.00	LAGUNA	1.43	181.4990	77.124	1389311.091	1037944.101	5.080
	104F	288.2418	77.159	91.4258	1.14	LAGUNA	1.43	181.4990	77.124	1389311.091	1037944.101	3.940
	105E	290.0530	77.763	91.4214	0.00	LAGUNA	1.43	183.1856	77.729	1389310.581	1037941.799	5.079
	105F	290.0530	77.763	91.4214	1.10	LAGUNA	1.43	183.1856	77.729	1389310.581	1037941.799	3.979
	106E	292.1958	78.417	91.4132	0.00	LAGUNA	1.43	185.4268	78.383	1389310.158	1037938.706	5.075
	106F	292.1958	78.417	91.4132	1.05	LAGUNA	1.43	185.4268	78.383	1389310.158	1037938.706	4.025
	107E	293.2602	78.827	91.4006	0.00	LAGUNA	1.43	186.5279	78.794	1389309.906	1037937.161	5.096
	107F	293.2602	78.827	91.4006	0.90	LAGUNA	1.43	186.5279	78.794	1389309.906	1037937.161	4.196
	108E	280.5756	78.792	91.4048	0.00	LAGUNA	1.43	174.0595	78.758	1389309.854	1037954.270	5.081
	108F	280.5756	78.792	91.4048	1.34	LAGUNA	1.43	174.0595	78.758	1389309.854	1037954.270	3.741
	109E	280.5945	74.139	91.4622	0.00	LAGUNA	1.43	174.0898	74.104	1389314.479	1037953.749	5.098
	109F	280.5945	74.139	91.4622	1.34	LAGUNA	1.43	174.0898	74.104	1389314.479	1037953.749	3.758
	110E	280.3227	67.853	91.5652	0.00	LAGUNA	1.43	173.6348	67.814	1389320.793	1037953.637	5.085
	110F	280.3227	67.853	91.5652	1.30	LAGUNA	1.43	173.6348	67.814	1389320.793	1037953.637	3.785
	111E	282.1345	56.844	92.1815	0.00	LAGUNA	1.43	175.3231	56.798	1389331.580	1037950.750	5.106
	111F	282.1345	56.844	92.1815	1.26	LAGUNA	1.43	175.3231	56.798	1389331.580	1037950.750	3.846
	112E	285.4908	43.532	93.0204	0.00	LAGUNA	1.43	178.9129	43.471	1389344.726	1037946.943	5.087
	112F	285.4908	43.532	93.0204	1.37	LAGUNA	1.43	178.9129	43.471	1389344.726	1037946.943	3.717
	113E	306.0817	25.331	95.1134	0.00	LAGUNA	1.43	199.2320	25.227	1389364.370	1037937.809	5.098
	113F	306.0817	25.331	95.1134	1.37	LAGUNA	1.43	199.2320	25.227	1389364.370	1037937.809	3.728
	114E	319.1329	19.862	96.3859	0.00	LAGUNA	1.43	212.3187	19.728	1389371.517	1037935.571	5.091
	114F	319.1329	19.862	96.3859	1.37	LAGUNA	1.43	212.3187	19.728	1389371.517	1037935.571	3.721
	115E	336.3210	16.741	97.5235	0.00	LAGUNA	1.43	229.6301	16.583	1389377.448	1037933.484	5.097
	115F	336.3210	16.741	97.5235	1.33	LAGUNA	1.43	229.6301	16.583	1389377.448	1037933.484	3.772
	116E	340.3539	15.029	98.4611	0.00	LAGUNA	1.43	233.6881	14.853	1389379.393	1037934.150	5.100
	116F	340.3539	15.029	98.4611	0.67	LAGUNA	1.43	233.6881	14.853	1389379.393	1037934.150	4.430
E12007		0.0000				ESTACION		0.0000		1389388.189	1037946.119	5.958
E12005	E12007	0.0000	65.685	89.5333	1.70	ESTACION	1.54	253.0940		1389369.082	1037883.254	6.025
	117E	328.1459	10.877	106.0332	0.00	LAGUNA	1.54	41.3437	10.453	1389376.930	1037890.159	4.553
	117F	328.1459	10.877	106.0332	0.78	LAGUNA	1.54	41.3437	10.453	1389376.930	1037890.159	3.773
	118E	317.5428	12.377	104.0721	0.00	LAGUNA	1.54	31.0018	12.003	1389379.371	1037889.437	4.542
	118F	317.5428	12.377	104.0721	1.16	LAGUNA	1.54	31.0018	12.003	1389379.371	1037889.437	3.382
	119E	319.0143	12.181	104.1937	0.00	LAGUNA	1.54	32.1226	11.802	1389379.078	1037889.530	4.548
	119F	319.0143	12.181	104.1937	1.14	LAGUNA	1.54	32.1226	11.802	1389379.078	1037889.530	3.408



ELBER DE J HERNÁNDEZ D
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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	120E	307.2153	15.097	101.3228	0.00	LAGUNA	1.54	20.4587	14.792	1389382.941	1037888.425	4.542
	120F	307.2153	15.097	101.3228	1.64	LAGUNA	1.54	20.4587	14.792	1389382.941	1037888.425	2.902
	121E	303.2816	16.796	100.2118	0.00	LAGUNA	1.54	16.5651	16.522	1389384.919	1037887.965	4.543
	121F	303.2816	16.796	100.2118	1.40	LAGUNA	1.54	16.5651	16.522	1389384.919	1037887.965	3.143
	122E	294.3351	22.085	97.5122	0.00	LAGUNA	1.54	7.6581	21.878	1389390.765	1037886.170	4.543
	122F	294.3351	22.085	97.5122	1.42	LAGUNA	1.54	7.6581	21.878	1389390.765	1037886.170	3.123
	123E	292.2521	23.937	97.1336	0.00	LAGUNA	1.54	5.5165	23.747	1389392.719	1037885.537	4.551
	123F	292.2521	23.937	97.1336	1.38	LAGUNA	1.54	5.5165	23.747	1389392.719	1037885.537	3.171
	124E	289.5846	26.756	96.2724	0.00	LAGUNA	1.54	3.0734	26.586	1389395.630	1037884.680	4.553
	124F	289.5846	26.756	96.2724	1.19	LAGUNA	1.54	3.0734	26.586	1389395.630	1037884.680	3.363
	125E	288.1058	28.645	96.0208	0.00	LAGUNA	1.54	1.2768	28.486	1389397.561	1037883.889	4.550
	125F	288.1058	28.645	96.0208	0.98	LAGUNA	1.54	1.2768	28.486	1389397.561	1037883.889	3.570
	126E	287.4758	29.617	95.5035	0.00	LAGUNA	1.54	0.8934	29.463	1389398.542	1037883.714	4.547
	126F	287.4758	29.617	95.5035	0.60	LAGUNA	1.54	0.8934	29.463	1389398.542	1037883.714	3.947
	127E	344.4640	20.196	98.3427	0.00	LAGUNA	1.54	57.8718	19.970	1389379.703	1037900.166	4.551
	127F	344.4640	20.196	98.3427	0.74	LAGUNA	1.54	57.8718	19.970	1389379.703	1037900.166	3.811
	128E	339.2537	20.775	98.1955	0.00	LAGUNA	1.54	52.5209	20.556	1389381.590	1037899.567	4.552
	128F	339.2537	20.775	98.1955	1.18	LAGUNA	1.54	52.5209	20.556	1389381.590	1037899.567	3.377
	129E	332.0028	22.159	97.4602	0.00	LAGUNA	1.54	45.1018	21.956	1389384.580	1037898.807	4.567
	129F	332.0028	22.159	97.4602	1.30	LAGUNA	1.54	45.1018	21.956	1389384.580	1037898.807	3.267
	130E	327.5830	23.382	97.2416	0.00	LAGUNA	1.54	41.0690	23.187	1389386.563	1037898.487	4.549
	130F	327.5830	23.382	97.2416	1.30	LAGUNA	1.54	41.0690	23.187	1389386.563	1037898.487	3.249
	131E	324.0753	24.614	97.0147	0.00	LAGUNA	1.54	37.2254	24.429	1389388.534	1037898.033	4.550
	131F	324.0753	24.614	97.0147	1.55	LAGUNA	1.54	37.2254	24.429	1389388.534	1037898.033	3.000
	132E	318.5634	26.636	96.3004	0.00	LAGUNA	1.54	32.0368	26.465	1389391.517	1037897.293	4.546
	132F	318.5634	26.636	96.3004	1.34	LAGUNA	1.54	32.0368	26.465	1389391.517	1037897.293	3.206
	133E	316.0025	28.114	96.0918	0.00	LAGUNA	1.54	29.1009	27.952	1389393.506	1037896.849	4.548
	133F	316.0025	28.114	96.0918	1.35	LAGUNA	1.54	29.1009	27.952	1389393.506	1037896.849	3.198
	134E	307.3430	33.670	95.0738	0.00	LAGUNA	1.54	20.6690	33.535	1389400.459	1037895.091	4.553
	134F	307.3430	33.670	95.0738	1.02	LAGUNA	1.54	20.6690	33.535	1389400.459	1037895.091	3.533
	135E	306.0204	34.871	94.5706	0.00	LAGUNA	1.54	19.1284	34.741	1389401.905	1037894.638	4.552
	135F	306.0204	34.871	94.5706	0.73	LAGUNA	1.54	19.1284	34.741	1389401.905	1037894.638	3.822
	136E	347.5144	29.297	95.5407	0.00	LAGUNA	1.54	60.9562	29.142	1389383.230	1037908.731	4.550
	136F	347.5144	29.297	95.5407	1.04	LAGUNA	1.54	60.9562	29.142	1389383.230	1037908.731	3.510
	137E	344.2930	30.033	95.4456	0.00	LAGUNA	1.54	57.5856	29.882	1389385.100	1037908.481	4.554
	137F	344.2930	30.033	95.4456	1.40	LAGUNA	1.54	57.5856	29.882	1389385.100	1037908.481	3.154



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	138E	339.1852	31.172	95.3310	0.00	LAGUNA	1.54	52.4084	31.026	1389388.009	1037907.839	4.546
	138F	339.1852	31.172	95.3310	1.33	LAGUNA	1.54	52.4084	31.026	1389388.009	1037907.839	3.216
	139E	334.2554	32.599	95.1832	0.00	LAGUNA	1.54	47.5256	32.459	1389391.001	1037907.196	4.546
	139F	334.2554	32.599	95.1832	1.39	LAGUNA	1.54	47.5256	32.459	1389391.001	1037907.196	3.156
	140E	329.4941	34.119	95.0424	0.00	LAGUNA	1.54	42.9220	33.985	1389393.969	1037906.398	4.545
	140F	329.4941	34.119	95.0424	1.35	LAGUNA	1.54	42.9220	33.985	1389393.969	1037906.398	3.195
	141E	326.1702	36.316	94.4527	0.00	LAGUNA	1.54	39.3779	36.191	1389397.057	1037906.215	4.550
	141F	326.1702	36.316	94.4527	1.30	LAGUNA	1.54	39.3779	36.191	1389397.057	1037906.215	3.250
	142E	322.4334	38.314	94.3032	0.00	LAGUNA	1.54	35.8201	38.195	1389400.053	1037905.608	4.550
	142F	322.4334	38.314	94.3032	1.26	LAGUNA	1.54	35.8201	38.195	1389400.053	1037905.608	3.290
	143E	319.2242	40.380	94.1614	0.00	LAGUNA	1.54	32.4723	40.268	1389403.054	1037904.874	4.555
	143F	319.2242	40.380	94.1614	1.06	LAGUNA	1.54	32.4723	40.268	1389403.054	1037904.874	3.495
	144E	318.1805	41.326	94.1041	0.00	LAGUNA	1.54	31.3954	41.216	1389404.264	1037904.726	4.551
	144F	318.1805	41.326	94.1041	0.97	LAGUNA	1.54	31.3954	41.216	1389404.264	1037904.726	3.581
	145E	347.5627	37.649	94.3517	0.00	LAGUNA	1.54	61.0348	37.528	1389387.256	1037916.088	4.550
	145F	347.5627	37.649	94.3517	1.20	LAGUNA	1.54	61.0348	37.528	1389387.256	1037916.088	3.350
	146E	345.1302	37.437	94.3136	0.00	LAGUNA	1.54	58.3112	37.320	1389388.687	1037915.011	4.607
	146F	345.1302	37.437	94.3136	1.46	LAGUNA	1.54	58.3112	37.320	1389388.687	1037915.011	3.147
	147E	341.0949	39.397	94.2424	0.00	LAGUNA	1.54	54.2576	39.281	1389392.028	1037915.136	4.535
	147F	341.0949	39.397	94.2424	1.27	LAGUNA	1.54	54.2576	39.281	1389392.028	1037915.136	3.270
	148E	335.5132	41.197	94.1328	0.00	LAGUNA	1.54	48.9529	41.085	1389396.062	1037914.239	4.527
	148F	335.5132	41.197	94.1328	1.32	LAGUNA	1.54	48.9529	41.085	1389396.062	1037914.239	3.207
	149E	332.1709	42.781	94.0257	0.00	LAGUNA	1.54	45.3798	42.674	1389399.057	1037913.629	4.541
	149F	332.1709	42.781	94.0257	1.35	LAGUNA	1.54	45.3798	42.674	1389399.057	1037913.629	3.191
	150E	328.5215	44.371	93.5531	0.00	LAGUNA	1.54	41.9648	44.267	1389401.997	1037912.855	4.525
	150F	328.5215	44.371	93.5531	1.32	LAGUNA	1.54	41.9648	44.267	1389401.997	1037912.855	3.205
	151E	325.2425	46.310	93.4342	0.00	LAGUNA	1.54	38.5009	46.212	1389405.248	1037912.023	4.551
	151F	325.2425	46.310	93.4342	1.10	LAGUNA	1.54	38.5009	46.212	1389405.248	1037912.023	3.451
	152E	323.3616	47.233	93.3958	0.00	LAGUNA	1.54	36.6984	47.136	1389406.876	1037911.423	4.542
	152F	323.3616	47.233	93.3958	0.75	LAGUNA	1.54	36.6984	47.136	1389406.876	1037911.423	3.797
	153E	335.5822	41.683	94.1042	0.00	LAGUNA	1.54	49.0668	41.572	1389396.319	1037914.661	4.525
	153F	335.5822	41.683	94.1042	1.42	LAGUNA	1.54	49.0668	41.572	1389396.319	1037914.661	3.105
	154E	333.2852	37.074	94.3936	0.00	LAGUNA	1.54	46.5751	36.951	1389394.483	1037910.091	4.550
	154F	333.2852	37.074	94.3936	1.40	LAGUNA	1.54	46.5751	36.951	1389394.483	1037910.091	3.150
	155E	330.4400	33.880	95.0613	0.00	LAGUNA	1.54	43.8273	33.746	1389393.427	1037906.623	4.548
	155F	330.4400	33.880	95.0613	1.60	LAGUNA	1.54	43.8273	33.746	1389393.427	1037906.623	2.948



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DELTA	DETALLE	ANG.HOR.DER	DIS.INC	ANG.VER	ALT.PRIS	OBSERVACION	ALT.INST	AZIMUT	DIS.HOR	NORTE	ESTE	COTA
	156E	327.1245	30.681	95.3918	0.00	LAGUNA	1.54	40.3065	30.532	1389392.366	1037903.005	4.539
	156F	327.1245	30.681	95.3918	1.60	LAGUNA	1.54	40.3065	30.532	1389392.366	1037903.005	2.939
	157E	317.4301	25.161	96.5332	0.00	LAGUNA	1.54	30.8109	24.979	1389390.536	1037896.049	4.543
	157F	317.4301	25.161	96.5332	1.50	LAGUNA	1.54	30.8109	24.979	1389390.536	1037896.049	3.043
	158E	306.0510	20.564	98.2736	0.00	LAGUNA	1.54	19.1801	20.340	1389388.293	1037889.937	4.537
	158F	306.0510	20.564	98.2736	1.43	LAGUNA	1.54	19.1801	20.340	1389388.293	1037889.937	3.107
	159E	290.5548	17.748	99.4816	0.00	LAGUNA	1.54	4.0240	17.489	1389386.528	1037884.482	4.540
	159F	290.5548	17.748	99.4816	1.18	LAGUNA	1.54	4.0240	17.489	1389386.528	1037884.482	3.365
	160E	285.1911	16.951	100.1438	0.00	LAGUNA	1.54	358.4137	16.681	1389385.757	1037882.793	4.548
	160F	285.1911	16.951	100.1438	0.60	LAGUNA	1.54	358.4137	16.681	1389385.757	1037882.793	3.948



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PLANTILLAS DE CÁLCULOS NIVELACIÓN



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COMISION A
INGENIERO LUIS JORGE MONCADA



ELBER DE J HERNÁNDEZ D
INGENIERÍA CIVIL & AMBIENTAL
CONTRATO DE CONSULTORIA N° 003 DE 2010



LUGAR: Turbo Laguna la Yuquita
 FECHA LEVANTAMIENTO: 29/09/2010
 TOPÓGRAFO: Ing. Jorge Moncada
 COMISIÓN: JM
 AMARRE: 1.584

NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#LAG01	1.806			1.584	Delta Jorge Moncada
LAGY06			1.605	1.785	MOJON
1			2.198	1.192	
2			2.267	1.123	
3			2.101	1.289	
4			2.103	1.287	
5			2.204	1.186	
6			2.087	1.303	
7			2.089	1.301	
8			2.110	1.280	
9			2.079	1.311	
10			2.086	1.304	
11			2.062	1.328	
12			1.757	1.633	
13			2.229	1.161	
14			2.229	1.161	
15			2.243	1.147	
C#LAGY05		1.557		1.833	MOJON

C#LAGY05	1.527			1.833	MOJON
16			2.231	1.129	
17			2.242	1.118	
18			2.448	0.912	
19			2.449	0.911	
20			2.565	0.795	
21			2.554	0.806	
22			2.203	1.157	
23			2.227	1.133	
24			2.499	0.861	
25			2.525	0.835	
LAG02			1.515	1.845	Delta Jorge Moncada
C#LAG03		1.524		1.836	Delta Jorge Moncada

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#LAGY05	1.551			1.833	MOJON	0.000
15			2.243	1.141		0.006
14			2.216	1.168		0.007
13			2.212	1.172		0.011
12			1.749	1.635		0.002
11			2.057	1.327		0.001
10			2.074	1.310		0.006
9			2.074	1.310		0.001
8			2.107	1.277		0.003
7			2.080	1.304		0.003
6			2.080	1.304		0.001
5			2.204	1.180		0.006
4			2.095	1.289		0.002
3			2.086	1.298		0.009
2			2.274	1.110		0.013
1			2.191	1.193		0.001
LAGY06			1.598	1.786	MOJON	0.001
C#LAG01		1.797		1.587	Delta Jorge Moncada	0.003

C#LAG03	1.535			1.836	Delta Jorge Moncada	0.000
LAG02			1.525	1.846	Delta Jorge Moncada	0.001
25			2.528	0.843		0.008
24			2.504	0.867		0.006
23			2.232	1.139		0.006
22			2.222	1.149		0.008
21			2.565	0.806		0.000
20			2.569	0.802		0.007
19			2.461	0.910		0.001
18			2.458	0.913		0.001
17			2.248	1.123		0.005
16			2.235	1.136		0.007
C#LAGY05		1.536		1.835	MOJON	0.002



ELBER DE J HERNÁNDEZ D
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 TOPÓGRAFO: Ing. Jorge Moncada
 COMISIÓN: JM
 AMARRE: 1.584

NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#LAG01	1.469			1.584	Delta Jorge Moncada
1			1.858	1.195	
2			1.913	1.140	
3			1.814	1.239	
4			1.760	1.293	
5			1.874	1.179	
6			1.755	1.298	
7			1.755	1.298	
8			1.779	1.274	
9			1.763	1.290	
10			1.768	1.285	
11			1.736	1.317	
12			1.418	1.635	
13			1.886	1.167	
14			1.880	1.173	
15			1.887	1.166	

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#LAG01	1.465			1.584		0.000
15			1.885	1.164		0.002
14			1.870	1.179		-0.006
13			1.869	1.180		-0.013
12			1.415	1.634		0.001
11			1.715	1.334		-0.017
10			1.764	1.285		0.000
9			1.741	1.308		-0.018
8			1.770	1.279		-0.005
7			1.761	1.288		-0.010
6			1.761	1.288		0.010
5			1.872	1.177		0.002
4			1.761	1.288		0.005
3			1.809	1.240		-0.001
2			1.916	1.133		0.007
1			1.836	1.213		-0.018



ELBER DE J HERNÁNDEZ D
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LUGAR: Turbo Laguna la Yuquita
 FECHA LEVANTAMIENTO: 29/09/2010
 TOPÓGRAFO: Ing. Jorge Moncada
 COMISIÓN: JM
 AMARRE: 1.584

NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#LAG03	1.527			1.584	Delta Jorge Moncada
16			2.231	0.880	
17			2.226	0.885	
18			2.449	0.662	
19			2.461	0.650	
20			2.538	0.573	
21			2.533	0.578	
22			2.210	0.901	
23			2.219	0.892	
24			2.478	0.633	
25			2.495	0.616	
C#LAG3		1.527		1.584	

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#LAG03	1.529			1.584		0.000
25			2.500	0.613		0.003
24			2.481	0.632		0.001
23			2.226	0.887		0.005
22			2.216	0.897		0.004
21			2.535	0.578		0.000
20			2.541	0.572		0.001
19			2.455	0.658		0.008
18			2.459	0.654		0.008
17			2.232	0.881		0.004
16			2.232	0.881		0.001
C#LAG03		1.529		1.584	Delta Jorge Moncada	0.000



ELBER DE J HERNÁNDEZ D
INGENIERÍA CIVIL & AMBIENTAL
CONTRATO DE CONSULTORIA N° 003 DE 2010



COMISION B
INGENIERA XIMENA CRUZ



ELBER DE J HERNÁNDEZ D
INGENIERÍA CIVIL & AMBIENTAL
CONTRATO DE CONSULTORIA N° 003 DE 2010



LUGAR: TURBO
 FECHA LEVANTAMIENTO: 27 DE OCTUBRE DE 2010
 TOPÓGRAFO: XIMENA CRUZ MERCADO
 COMISIÓN: XC
 AMARRE: 2.778

NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#E11000XC	1.680			2.778	DELTA XC
C#E11001XC		1.627		2.831	DELTA XC

C#E11001XC	1.623			2.831	DELTA XC
1			1.583	2.871	TUR015SC031
2			1.521	2.933	TUR015SC033
C#E11002XC		1.303		3.151	DELTA XC

C#E11002XC	1.405			3.151	DELTA XC
3			1.019	3.537	TUR009SC022
C#E11004XC		1.633		2.923	DELTA XC

C#E11004XC	1.485			2.923	DELTA XC
4			1.400	3.008	TUR009SC023
C#E11007XC		1.537		2.871	DELTA XC

C#E11007XC	1.752			2.871	DELTA XC
5			1.134	3.489	TUR009SC002
C#E11008XC		1.258		3.365	DELTA XC

C#E11008XC	1.697			3.365	DELTA XC
6			1.497	3.565	TUR009SC003
C#E11009XC		1.505		3.557	DELTA XC

C#E11009XC	1.373			3.557	DELTA XC
7			1.279	3.651	TUR009SC053
C#E11010XC		1.474		3.456	DELTA XC

C#E11010XC	1.032			3.456	DELTA XC
8			1.369	3.119	TUR009SC004
9			1.363	3.125	TUR009SC005
C#E11011XC		1.803		2.685	DELTA XC

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#E11001XC	1.591			2.831	DELTA XC	0.000
C#E11000XC		1.644		2.778	DELTA XC	0.000

C#E11002XC	1.256			3.151	DELTA XC	0.000
2			1.474	2.933	TUR015SC033	0.000
1			1.536	2.871	TUR015SC031	0.000
C#E11010XC		1.576		2.831	DELTA XC	0.040

C#E11004XC	1.698			2.923	DELTA XC	0.000
3			1.084	3.537	TUR009SC022	0.000
C#E11002XC		1.470		3.151	DELTA XC	0.000

C#E11007XC	1.483			2.871	DELTA XC	0.000
4			1.346	3.008	TUR009SC023	0.000
C#E11004XC		1.430		2.924	DELTA XC	0.001

C#E11008XC	1.196			3.365	DELTA XC	0.000
5			1.071	3.490	TUR009SC002	0.001
C#E11007XC		1.690		2.871	DELTA XC	0.000

C#E11009XC	1.436			3.557	DELTA XC	0.000
6			1.429	3.564	TUR009SC003	0.001
C#E11008XC		1.628		3.365	DELTA XC	0.000

C#E11010XC	1.564			3.456	DELTA XC	0.000
7			1.369	3.651	TUR009SC053	0.000
C#E11009XC		1.463		3.557	DELTA XC	0.000

C#E11011XC	1.770			2.685	DELTA XC	0.000
9			1.330	3.125	TUR009SC005	0.000
8			1.335	3.120	TUR009SC004	0.001
C#E11010XC		0.998		3.457	DELTA XC	0.001



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NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#E11011XC	1.670			2.685	DELTA XC
10			1.378	2.977	TUR009SC051
11			1.342	3.013	MH SIN CATASTRAR
C#E11012XC		1.494		2.861	DELTA XC

C#E11012XC	1.319			2.861	DELTA XC
12			1.094	3.086	TUR009SC006
13			1.143	3.037	TUR009SC008
C#E11013XC		1.525		2.655	DELTA XC

C#E11013XC	1.606			2.655	DELTA XC
C#E11015XC		1.468		2.793	DELTA XC

C#E11015XC	1.059			2.793	DELTA XC
14			1.079	2.773	TUR009SC009
15			1.291	2.561	TUR009SC010
C#E11016XC		1.350		2.502	DELTA XC

C#E11016XC	1.802			2.502	DELTA XC
16			1.644	2.660	TUR009SC012
17			1.537	2.767	TUR009SC011
18			1.678	2.626	TUR009SC017
19			1.746	2.558	TUR009SC014
20			1.686	2.618	TUR009SC013
C#01XC		1.742		2.562	CAMBIO XC

C#01XC	1.028			2.562	CAMBIO XC
21			1.230	2.360	TUR009SC015
C#E11018XC		1.186		2.404	DELTA XC

C#E11018XC	1.468			2.404	DELTA XC
C#E11021XC		1.411		2.461	DELTA XC

C#E11021XC	1.267			2.461	DELTA XC
C#02XC		1.476		2.252	CAMBIO XC

C#02XC	1.592			2.252	CAMBIO XC
C#03XC		1.196		2.648	CAMBIO XC

C#03XC	1.544			2.648	CAMBIO XC
C#E11023XC		1.080		3.112	DELTA XC

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#E11012XC	1.478			2.861	DELTA XC	0.000
11			1.326	3.013	MH SIN CATASTRAR	0.000
10			1.363	2.976	TUR009SC051	0.001
C#E11011XC		1.654		2.685	DELTA XC	0.000

C#E11013XC	1.480			2.655	DELTA XC	0.000
13			1.097	3.038	TUR009SC008	0.001
12			1.048	3.087	TUR009SC006	0.001
C#E11012XC		1.273		2.862	DELTA XC	0.001

C#E11015XC	1.455			2.793	DELTA XC	0.000
C#E11013XC		1.593		2.655	DELTA XC	0.000

C#E11016XC	1.383			2.502	DELTA XC	0.000
15			1.324	2.561	TUR009SC010	0.000
14			1.112	2.773	TUR009SC009	0.000
C#E11015XC		1.092		2.793	DELTA XC	0.000

C#01XC	1.693			2.562	CAMBIO XC	0.000
20			1.636	2.619	TUR009SC013	0.001
19			1.696	2.559	TUR009SC014	0.001
18			1.629	2.626	TUR009SC017	0.000
17			1.489	2.766	TUR009SC011	0.001
16			1.595	2.660	TUR009SC012	0.000
C#E11016XC		1.752		2.503	DELTA XC	0.001

C#E11018XC	1.250			2.404	DELTA XC	0.000
21			1.294	2.360	TUR009SC015	0.000
C#01XC		1.092		2.562	CAMBIO XC	0.000

C#E11021XC	1.391			2.461	DELTA XC	0.000
C#E11018XC		1.448		2.404	DELTA XC	0.000

C#02XC	1.461			2.252	CAMBIO XC	0.000
C#E11021XC		1.252		2.461	DELTA XC	0.000

C#03XC	1.144			2.648	CAMBIO XC	0.000
C#02XC		1.538		2.254	CAMBIO XC	0.002

C#E11023XC	1.050			3.112	DELTA XC	0.000
C#03XC		1.514		2.648	CAMBIO XC	0.000



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NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#E11023XC	1.802			3.112	DELTA XC
C#E11024XC		1.476		3.438	DELTA XC

C#E11024XC	0.771			3.438	DELTA XC
C#04XC		1.490		2.719	CAMBIO XC

C#04XC	1.519			2.719	CAMBIO XC
C#05XC		1.384		2.854	CAMBIO XC

C#05XC	1.717			2.854	CAMBIO XC
C#E11000XC		1.780		2.791	DELTA XC

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#E11024XC	1.411			3.438	DELTA XC	0.000
C#E11023XC		1.737		3.112	DELTA XC	0.000

C#04XC	1.400			2.719	CAMBIO XC	0.000
C#E11024XC		0.681		3.438	DELTA XC	0.000

C#05XC	1.310			2.854	CAMBIO XC	0.000
C#04XC		1.445		2.719	CAMBIO XC	0.000

C#E11000XC	1.728			2.791	DELTA XC	0.000
C#05XC		1.665		2.854	CAMBIO XC	0.000



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CONTRATO DE CONSULTORIA N° 003 DE 2010



LUGAR: TURBO
 FECHA LEVANTAMIENTO: 28 DE OCTUBRE DE 2010
 TOPÓGRAFO: XIMENA CRUZ MERCADO
 COMISIÓN: XC
 AMARRE: 2.404

NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#E11018XC	1.602			2.404	DELTA XC
1			1.435	2.571	TUR010SC008
2			1.722	2.284	TUR010SC010
C#E11019XC		1.804		2.202	DELTA XC

C#E11019XC	1.533			2.202	DELTA XC
3			1.560	2.175	TUR010SC028
4			1.355	2.380	TUR010SC027
C#E11034XC		1.468		2.267	DELTA XC

C#E11034XC	1.522			2.267	DELTA XC
5			1.506	2.283	TUR010SC029
6			1.534	2.255	TUR008SC007
C#E11035XC		1.561		2.228	DELTA XC

C#E11035XC	1.159			2.228	DELTA XC
7			1.505	1.882	TUR010SC022
C#E11036XC		1.522		1.865	DELTA XC

C#E11036XC	1.716			1.865	DELTA XC
C#E11038XC		1.726		1.855	DELTA XC

C#E11038XC	1.445			1.855	DELTA XC
8			1.360	1.940	TUR010SC024
9			1.510	1.790	TUR008SC006
C#E11039XC		1.568		1.732	DELTA XC

C#E11039XC	1.332			1.732	DELTA XC
C#E11040XC		1.323		1.741	DELTA XC

C#E11040XC	1.756			1.741	DELTA XC
10			1.672	1.825	TUR008SC005
11			1.748	1.749	TUR006SC019
C#E11041XC		1.628		1.869	DELTA XC

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#E11019XC	1.746			2.202	DELTA XC	0.000
2			1.665	2.283	TUR010SC010	0.001
1			1.376	2.572	TUR010SC008	0.001
C#E11018XC		1.543		2.405	DELTA XC	0.001

C#E11034XC	1.397			2.267	DELTA XC	0.000
4			1.283	2.381	TUR010SC027	0.001
3			1.489	2.175	TUR010SC028	0.000
C#E11019XC		1.462		2.202	DELTA XC	0.000

C#E11035XC	1.510			2.228	DELTA XC	0.000
6			1.483	2.255	TUR008SC007	0.000
5			1.455	2.283	TUR010SC029	0.000
C#E11034XC		1.471		2.267	DELTA XC	0.000

C#E11036XC	1.488			1.865	DELTA XC	0.000
7			1.471	1.882	TUR010SC022	0.000
C#E11035XC		1.125		2.228	DELTA XC	0.000

C#E11038XC	1.675			1.855	DELTA XC	0.000
C#E11036XC		1.665		1.865	DELTA XC	0.000

C#E11039XC	1.596			1.732	DELTA XC	0.000
9			1.538	1.790	TUR008SC006	0.000
8			1.388	1.940	TUR010SC024	0.000
C#E11038XC		1.473		1.855	DELTA XC	0.000

C#E11040XC	1.274			1.741	DELTA XC	0.000
C#E11039XC		1.283		1.732	DELTA XC	0.000

C#E11041XC	1.582			1.869	DELTA XC	0.000
11			1.702	1.749	TUR006SC019	0.000
10			1.625	1.826	TUR008SC005	0.001
C#E11040XC		1.710		1.741	DELTA XC	0.000



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NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#E11041XC	1.396			1.869	DELTA XC
12			1.694	1.571	TUR004SC053
C#E11042XC		1.579		1.686	DELTA XC

C#E11042XC	1.539			1.686	DELTA XC
13			1.436	1.789	TUR006SC008
C#E12017CM		1.474		1.751	DELTA CM

C#E12017CM	1.494			1.751	DELTA CM
14			1.375	1.870	TUR005SC053
15			1.416	1.829	TUR005SC052
C#E11044XC		1.436		1.809	DELTA XC

C#E11044XC	1.578			1.809	DELTA XC
16			1.555	1.832	TUR005SC055
17			1.451	1.936	TUR004SC057
18			1.677	1.710	TUR004SC051
C#E11045XC		1.798		1.589	DELTA XC

C#E11045XC	1.176			1.589	DELTA XC
19			1.191	1.574	TUR004SC048
20			1.211	1.554	TUR004SC045
21			1.304	1.461	TUR004SC044
C#E11046XC		1.627		1.138	DELTA XC

C#E11046XC	1.354			1.138	DELTA XC
22			1.788	0.704	TUR011SC002
C#E11047XC		1.676		0.816	DELTA XC

C#E11047XC	1.438			0.816	DELTA XC
23			1.564	0.690	TUR011SC001
C#E11048XC		1.818		0.436	DELTA XC

C#E11048XC	1.542			0.436	DELTA XC
24			1.136	0.842	TUR003SC006
25			1.290	0.688	TUR003SC008
C#E11049XC		1.346		0.632	DELTA XC

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#E11042XC	1.573			1.686	DELTA XC	0.000
12			1.688	1.571	TUR004SC053	0.000
C#E11041XC		1.390		1.869	DELTA XC	0.000

C#E12017CM	1.442			1.751	DELTA CM	0.000
13			1.403	1.790	TUR006SC008	0.001
C#E11042XC		1.507		1.686	DELTA XC	0.000

C#E11044XC	1.382			1.809	DELTA XC	0.000
15			1.361	1.830	TUR005SC052	0.001
14			1.320	1.871	TUR005SC053	0.001
C#E12017CM		1.440		1.751	DELTA CM	0.000

C#E11045XC	1.770			1.589	DELTA XC	0.000
18			1.649	1.710	TUR004SC051	0.000
17			1.422	1.937	TUR004SC057	0.001
16			1.528	1.831	TUR005SC055	0.001
C#E11044XC		1.550		1.809	DELTA XC	0.000

C#E11046XC	1.614			1.138	DELTA XC	0.000
21			1.290	1.462	TUR004SC044	0.001
20			1.197	1.555	TUR004SC045	0.001
19			1.178	1.574	TUR004SC048	0.000
C#E11045XC		1.163		1.589	DELTA XC	0.000

C#E11047XC	1.653			0.816	DELTA XC	0.000
22			1.765	0.704	TUR011SC002	0.000
C#E11046XC		1.331		1.138	DELTA XC	0.000

C#E11048XC	1.609			0.436	DELTA XC	0.000
23			1.354	0.691	TUR011SC001	0.001
C#E11047XC		1.228		0.817	DELTA XC	0.001

C#E11049XC	1.319			0.632	DELTA XC	0.000
25			1.263	0.688	TUR003SC008	0.000
24			1.109	0.842	TUR003SC006	0.000
C#E11048XC		1.516		0.435	DELTA XC	0.001



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NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#E11049XC	1.792			0.632	DELTA XC
C#E11050XC		1.407		1.017	DELTA XC
C#E11050XC	1.592			1.017	DELTA XC
C#E11051XC		1.635		0.974	DELTA XC
C#E11051XC	1.839			0.974	DELTA XC
C#E11052XC		1.599		1.214	DELTA XC
C#E11052XC	1.582			1.214	DELTA XC
C#E11053XC		1.960		0.836	DELTA XC
C#E11053XC	1.639			0.836	DELTA XC
C#E11054XC		1.343		1.132	DELTA XC
C#E11054XC	1.538			1.132	DELTA XC
C#E11055XC		1.222		1.448	DELTA XC
C#E11055XC	1.774			1.448	DELTA XC
C#E11056XC		1.363		1.859	DELTA XC
C#E11056XC	1.742			1.859	DELTA XC
C#E11057XC		1.778		1.823	DELTA XC
C#E11057XC	1.661			1.823	DELTA XC
C#E11058XC		1.278		2.206	DELTA XC
C#E11058XC	1.531			2.206	DELTA XC
C#01XC		1.584		2.153	CAMBIO XC
C#01XC	1.835			2.153	CAMBIO XC
C#E11018XC		1.558		2.430	DELTA XC

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#E11050XC	1.418			1.017	DELTA XC	0.000
C#E11049XC		1.804		0.631	DELTA XC	0.001
C#E11051XC	1.640			0.974	DELTA XC	0.000
C#E11050XC		1.598		1.016	DELTA XC	0.001
C#E11052XC	1.598			1.214	DELTA XC	0.000
C#E11051XC		1.839		0.973	DELTA XC	0.001
C#E11053XC	1.927			0.836	DELTA XC	0.000
C#E11052XC		1.550		1.213	DELTA XC	0.001
C#E11054XC	1.329			1.132	DELTA XC	0.000
C#E11053XC		1.626		0.835	DELTA XC	0.001
C#E11055XC	1.181			1.448	DELTA XC	0.000
C#E11054XC		1.497		1.132	DELTA XC	0.000
C#E11056XC	1.367			1.859	DELTA XC	0.000
C#E11055XC		1.779		1.447	DELTA XC	0.001
C#E11057XC	1.755			1.823	DELTA XC	0.000
C#E11056XC		1.719		1.859	DELTA XC	0.000
C#E11058XC	1.244			2.206	DELTA XC	0.000
C#E11057XC		1.628		1.822	DELTA XC	0.001
C#01XC	1.662			2.153	CAMBIO XC	0.000
C#E11058XC		1.610		2.205	DELTA XC	0.001
C#E11018XC	1.590			2.430	DELTA XC	0.000
C#01XC		1.869		2.151	CAMBIO XC	0.002



ELBER DE J HERNÁNDEZ D
INGENIERÍA CIVIL & AMBIENTAL
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LUGAR: TURBO
 FECHA LEVANTAMIENTO: 29 OCTUBRE DE 2010
 TOPÓGRAFO: XIMENA CRUZ
 COMISIÓN: XC
 AMARRE: 5.081

NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#E11060XC	0.253			5.081	DELTA XC
1			1.000	4.334	TUR022SC002
2			1.025	4.309	TUR022SC001
C#01XC		1.003		4.331	CAMBIO XC

C#01XC	0.763			4.331	CAMBIO XC
C#02XC		1.501		3.593	CAMBIO XC

C#02XC	1.507			3.593	CAMBIO XC
3			1.492	3.608	EJE COLECTOR DELTA XC 11062
C#03XC		1.711		3.389	CAMBIO XC

C#03XC	1.534			3.389	CAMBIO XC
4			1.559	3.364	EJE COLECTOR DELTA XC 11063
C#E11064XC		1.566		3.357	DELTA XC

C#E11064XC	1.045			3.357	DELTA XC
C#E11065XC		1.738		2.664	DELTA XC

C#E11065XC	1.634			2.664	DELTA XC
C#E11066XC		1.510		2.788	DELTA XC

C#E11066XC	1.505			2.788	DELTA XC
C#E11067XC		1.381		2.912	DELTA XC

C#E11067XC	1.560			2.912	DELTA XC
C#E11068XC		1.422		3.050	DELTA XC

C#E11068XC	1.287			3.050	DELTA XC
C#E11069XC		1.353		2.984	DELTA XC

C#E11069XC	1.187			2.984	DELTA XC
C#01CX		1.437		2.734	CAMBIO CM

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#01XC	1.076			4.331	CAMBIO XC	0.000
2			1.100	4.307	TUR022SC001	0.002
1			1.072	4.335	TUR022SC002	0.001
C#E11060XC		0.327		5.080	DELTA XC	0.001

C#02XC	1.527			3.593	CAMBIO XC	0.000
C#01XC		0.789		4.331	CAMBIO XC	0.000

C#03XC	1.693			3.389	CAMBIO XC	0.000
3			1.475	3.607	EJE COLECTOR DELTA XC 11062	0.001
C#02XC		1.489		3.593	CAMBIO XC	0.000

C#E11064XC	1.601			3.357	DELTA XC	0.000
4			1.595	3.363	EJE COLECTOR DELTA XC 11063	0.001
C#03XC		1.569		3.389	CAMBIO XC	0.000

C#E11065XC	1.762			2.664	DELTA XC	0.000
C#E11064XC		1.069		3.357	DELTA XC	0.000

C#E11066XC	1.456			2.788	DELTA XC	0.000
C#E11065XC		1.580		2.664	DELTA XC	0.000

C#E11067XC	1.391			2.912	DELTA XC	0.000
C#E11066XC		1.515		2.788	DELTA XC	0.000

C#E11068XC	1.414			3.050	DELTA XC	0.000
C#E11067XC		1.552		2.912	DELTA XC	0.000

C#E11069XC	1.412			2.984	DELTA XC	0.000
C#E11068XC		1.347		3.049	DELTA XC	0.001

C#01CX	1.382			2.734	CAMBIO CM	0.000
C#E11069XC		1.133		2.983	DELTA XC	0.001



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NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#01CX	1.514			2.734	CAMBIO CM
C#03C		1.276		2.972	CAMBIO CM
C#03C	1.247			2.972	CAMBIO CM
C#02CX		1.025		3.194	CAMBIO CM
C#02CX	1.591			3.194	CAMBIO CM
C#03CX		1.153		3.632	CAMBIO CM
C#03CX	1.664			3.632	CAMBIO CM
C#04CX		1.211		4.085	CAMBIO CM
C#04CX	1.882			4.085	CAMBIO CM
C#E11060XC		0.893		5.074	DELTA XC

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#03C	1.227			2.972	CAMBIO CM	0.000
C#01CX		1.465		2.734	CAMBIO CM	0.000
C#02CX	1.073			3.194	CAMBIO CM	0.000
C#03C		1.295		2.972	CAMBIO CM	0.000
C#03CX	1.214			3.632	CAMBIO CM	0.000
C#02CX		1.652		3.194	CAMBIO CM	0.000
C#04CX	1.268			4.085	CAMBIO CM	0.000
C#03CX		1.721		3.632	CAMBIO CM	0.000
C#E11060XC	0.938			5.074	DELTA XC	0.000
C#04CX		1.926		4.086	CAMBIO CM	0.001



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COMISION C
INGENIERA CAROLINA MOSQUERA



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LUGAR: TURBO (AMARRE)
 FECHA LEVANTAMIENTO: 21 DE OCTUBRE 2010
 TOPÓGRAFO: CAROLINA MOSQUERA
 COMISIÓN: CM
 AMARRE: 1.194

NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#TUR-06	1.373			1.194	MOJON
C#E12001		1.279		1.288	DELTA CM

C#E12001	1.145			1.288	DELTA CM
2			1.159	1.274	MH TUR014SC145
3			1.538	0.895	MH TUR014SC144
C#E12003		1.491		0.942	DELTA CM

C#E12003	1.424			0.942	DELTA CM
C#E12004		1.262		1.104	DELTA CM

C#E12004	1.454			1.104	DELTA CM
4			1.102	1.456	MH TUR014SC146
C#02C		1.307		1.251	CAMBIO CM

C#02C	1.368			1.250	CAMBIO CM
C#03C		1.131		1.487	CAMBIO CM

C#03C	1.675			1.487	CAMBIO CM
5			1.337	1.825	MH TUR014SC022
C#E12005		1.397		1.765	DELTA CM

C#E12005	1.569			1.765	DELTA CM
C#04C		1.221		2.113	CAMBIO CM

C#04C	1.346			2.113	CAMBIO CM
12008			1.417	2.042	DELTA CM
C#05C		1.155		2.304	CAMBIO CM

C#05C	1.650			2.304	CAMBIO CM
12010			1.574	2.380	DELTA CM
C#E11027		1.571		2.383	DELTA XC

C#E11027	1.511			2.383	DELTA XC
C#E12012		1.414		2.480	DELTA CM

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#E12001	1.336			1.288	DELTA CM	0.000
C#TUR-06		1.430		1.194	MOJON	0.000

C#E12003	1.452			0.942	DELTA CM	0.000
3			1.498	0.896	MH TUR014SC144	0.001
2			1.119	1.275	MH TUR014SC145	0.001
C#E12001		1.106		1.288	DELTA CM	0.000

C#E12004	1.215			1.104	DELTA CM	0.000
C#E12003		1.377		0.942	DELTA CM	0.000

C#02C	1.356			1.251	CAMBIO CM	0.000
4			1.151	1.455	MH TUR014SC146	0.000
C#E12004		1.503		1.103	DELTA CM	0.000

C#03C	1.182			1.487	CAMBIO CM	0.000
C#02C		1.419		1.250	CAMBIO CM	0.000

C#E12005	1.339			1.765	DELTA CM	0.000
5			1.281	1.823	MH TUR014SC022	0.002
C#03C		1.617		1.487	CAMBIO CM	0.000

C#04C	1.179			2.113	CAMBIO CM	0.000
C#E12005		1.527		1.765	DELTA CM	0.000

C#05C	1.119			2.304	CAMBIO CM	0.000
12008			1.38	2.043	DELTA CM	0.001
C#04C		1.310		2.113	CAMBIO CM	0.000

C#E11027	1.550			2.383	DELTA XC	0.000
12010			1.553	2.380	DELTA CM	0.000
C#05C		1.629		2.304	CAMBIO CM	0.000

C#E12012	1.379			2.480	DELTA CM	0.000
C#E11027		1.476		2.383	DELTA XC	0.000



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NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#E12012	1.312			2.480	DELTA CM
C#E12013		1.395		2.397	DELTA CM

C#E12013	1.671			2.397	DELTA CM
C#06C		1.262		2.806	CAMBIO CM

C#06C	1.287			2.806	CAMBIO CM
C#07C		1.445		2.648	CAMBIO CM

C#07C	1.496			2.648	CAMBIO CM
C#08C		1.287		2.857	CAMBIO CM

C#08C	1.160			2.857	CAMBIO CM
C#E13001		1.423		2.594	DELTA GP

C#E13001	1.265			2.594	DELTA GP
C#E13003		1.698		2.161	DELTA GP

C#E13003	1.380			2.161	DELTA GP
C#09C		0.846		2.695	CAMBIO CM

C#09C	1.032			2.695	CAMBIO CM
C#E12017		1.604		2.123	DELTA CM

C#E12017	1.696			2.123	DELTA CM
C#E12018		1.362		2.457	DELTA CM

C#E12018	1.380			2.457	DELTA CM
C#E12014		1.159		2.678	DELTA CM

C#E12014	1.330			2.678	DELTA CM
C#E12011		1.732		2.276	DELTA CM

C#E12011	1.407			2.276	DELTA CM
C#10C		1.213		2.470	CAMBIO CM

C#10C	1.041			2.470	CAMBIO CM
C#11C		1.023		2.488	CAMBIO CM

C#11C	0.899			2.488	CAMBIO CM
C#E12007		1.386		2.001	DELTA CM

C#E12007	1.141			2.001	DELTA CM
C#12C		1.267		1.875	CAMBIO CM

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#E12013	1.451			2.397	DELTA CM	0.000
C#E12012		1.371		2.477	DELTA CM	0.003

C#06C	1.180			2.806	CAMBIO CM	0.000
C#E12013		1.589		2.397	DELTA CM	0.000

C#07C	1.380			2.648	CAMBIO CM	0.000
C#06C		1.222		2.806	CAMBIO CM	0.000

C#08C	1.216			2.857	CAMBIO CM	0.000
C#07C		1.425		2.648	CAMBIO CM	0.000

C#E13001	1.469			2.594	DELTA GP	0.000
C#08C		1.206		2.857	CAMBIO CM	0.000

C#E13003	1.663			2.161	DELTA GP	0.000
C#E13001		1.230		2.594	DELTA GP	0.000

C#09C	0.820			2.695	CAMBIO CM	0.000
C#E13003		1.354		2.161	DELTA GP	0.000

C#E12017	1.586			2.123	DELTA CM	0.000
C#09C		1.014		2.695	CAMBIO CM	0.000

C#E12018	1.333			2.457	DELTA CM	0.000
C#E12017		1.667		2.123	DELTA CM	0.000

C#E12014	1.196			2.678	DELTA CM	0.000
C#E12018		1.417		2.457	DELTA CM	0.000

C#E12011	1.649			2.276	DELTA CM	0.000
C#E12014		1.247		2.678	DELTA CM	0.000

C#10C	1.173			2.470	CAMBIO CM	0.000
C#E12011		1.366		2.277	DELTA CM	0.001

C#11C	0.979			2.488	CAMBIO CM	0.000
C#10C		0.997		2.470	CAMBIO CM	0.000

C#E12007	1.435			2.001	DELTA CM	0.000
C#11C		0.949		2.487	CAMBIO CM	0.001

C#12C	1.207			1.875	CAMBIO CM	0.000
C#E12007		1.082		2.000	DELTA CM	0.001



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NIVELACIÓN					
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN
C#12C	1.220			1.875	CAMBIO CM
C#13C		1.431		1.664	CAMBIO CM
C#13C	1.165			1.664	CAMBIO CM
C#14C		1.429		1.400	CAMBIO CM
C#14C	1.103			1.400	CAMBIO CM
C#E12002		1.513		0.990	DELTA CM
C#E12002	1.406			0.990	DELTA CM
1			1.493	0.903	MH TUR014SC150
C#01C		1.215		1.181	CAMBIO CM
C#01C	0.947			1.181	CAMBIO CM
C#TUR-06		0.934		1.194	MOJON

CONTRA NIVELACIÓN						ERROR
EN	V (+)	V (-)	VI	COTA	OBSERVACIÓN	
C#13C	1.386			1.664	CAMBIO CM	0.000
C#12C		1.176		1.874	CAMBIO CM	0.001
C#14C	1.373			1.400	CAMBIO CM	0.000
C#13C		1.107		1.666	CAMBIO CM	0.002
C#E12002	1.559			0.990	DELTA CM	0.000
C#14C		1.150		1.399	CAMBIO CM	0.001
C#01C	1.326			1.181	CAMBIO CM	0.000
1			1.604	0.903	MH TUR014SC150	0.000
C#E12002		1.517		0.990	DELTA CM	0.000
C#TUR-06	0.871			1.194	MOJON	0.000
C#01C		0.884		1.181	CAMBIO CM	0.000