

CODIGO	CAMPAÑA NOVIEMBRE 10/01 (0)			CAMPAÑA ENERO 26/02 (1)			DELTA	
	COORDENADA		COTA (msnm)	COORDENADA		COTA (msnm)	ΔN (m)	ΔE (m)
	NORTE (m)	ESTE (m)		NORTE (m)	ESTE (m)			
B3	98308.141	89257.996	2702.138	98309.356	89259.626	2701.542	1.214877	1.629663
D3	98245.874	89323.979	2698.587	98247.413	89326.505	2697.611	1.539	2.526
A4	98379.779	89315.849	2682.339	98380.948	89317.516	2682.134	1.168	1.667
B4	98335.889	89348.156	2677.771	98336.762	89349.889	2677.147	0.874	1.733
C4	98222.698	89429.162	2679.336	98223.344	89429.501	2678.991	0.645	0.339
N9	98249.634	89503.500	2664.850	98250.340	89504.046	2664.735	0.706	0.546
E4	98172.776	89464.746	2684.525	98173.370	89465.045	2684.242	0.593	0.299
N14	98200.288	89525.787	2673.913	98200.837	89526.062	2673.685	0.549	0.275
N100	98298.695	89031.623	2745.318	98298.490	89031.768	2745.551	-0.204	0.145
N-102	98285.933	89124.762	2734.774	98285.833	89124.850	2734.978	-0.100	0.088
N50	98179.319	89131.279	2755.787	98179.308	89131.315	2755.756	-0.011	0.036
114N	98143.133	89249.903	2733.368	98143.097	89249.907	2733.451	-0.036	0.004

CODIGO	CAMPAÑA NOVIEMBRE 10/01 (0)			CAMPAÑA FEBRERO 26/02 (1)			DELTA	
	COORDENADA		COTA (msnm)	COORDENADA		COTA (msnm)	ΔN (m)	ΔE (m)
	NORTE (m)	ESTE (m)		NORTE (m)	ESTE (m)			
B3	98308.141	89257.996	2702.138	98309.361	89259.749	2701.487	1.219524	1.753012
D3	98245.874	89323.979	2698.587	98247.464	89326.531	2697.490	1.590	2.552
A4	98379.779	89315.849	2682.339	98381.010	89317.537	2682.108	1.231	1.688
B4	98335.889	89348.156	2677.771	98336.738	89350.005	2677.145	0.849	1.849
C4	98222.698	89429.162	2679.336	98223.263	89429.606	2677.816	0.564	0.444
N9	98249.634	89503.500	2664.850	98250.363	89504.037	2664.625	0.729	0.537
E4	98172.776	89464.746	2684.525	98173.315	89465.130	2684.235	0.539	0.384
N14	98200.288	89525.787	2673.913	98200.757	89526.116	2673.655	0.469	0.329
N100	98298.695	89031.623	2745.318	98298.646	89031.659	2745.399	-0.049	0.037
N-102	98285.933	89124.762	2734.774	98285.893	89124.923	2734.833	-0.039	0.161
N50	98179.319	89131.279	2755.787	98179.354	89131.414	2755.638	0.034	0.135
114N	98143.133	89249.903	2733.368	98143.157	89249.934	2733.399	0.023	0.031

CODIGO	CAMPAÑA NOVIEMBRE 10/01 (0)			CAMPAÑA MARZO 26/02 (1)			DELTA	
	COORDENADA		COTA (msnm)	COORDENADA		COTA (msnm)	ΔN (m)	ΔE (m)
	NORTE (m)	ESTE (m)		NORTE (m)	ESTE (m)			
B3	98308.141	89257.996	2702.138	98309.564	89259.984	2701.393	1.4226	1.9882
D3	98245.874	89323.979	2698.587	98247.822	89327.168	2697.290	1.948	3.189
A4	98379.779	89315.849	2682.339	98381.305	89318.052	2681.944	1.525	2.203
B4	98335.889	89348.156	2677.771	98337.013	89350.410	2677.081	1.124	2.254
C4	98222.698	89429.162	2679.336	98223.462	89429.619	2679.024	0.764	0.457
N9	98249.634	89503.500	2664.850	98250.294	89504.086	2664.546	0.660	0.586
E4	98172.776	89464.746	2684.525	98173.398	89465.061	2684.185	0.622	0.314
N14	98200.288	89525.787	2673.913	98200.867	89526.068	2673.623	0.579	0.281
N100	98298.695	89031.623	2745.318	98298.730	89031.807	2745.280	0.036	0.184
N-102	98285.933	89124.762	2734.774	98286.027	89124.899	2734.783	0.094	0.136
N50	98179.319	89131.279	2755.787	98179.106	89131.211	2755.825	-0.213	-0.067
114N	98143.133	89249.903	2733.368	98143.195	89250.052	2733.350	0.062	0.148

CODIGO	CAMPAÑA NOVIEMBRE 10/01 (0)			CAMPAÑA ABRIL 19/02 (1)			DELTA	
	COORDENADA		COTA (msnm)	COORDENADA		COTA (msnm)	ΔN (m)	ΔE (m)
	NORTE (m)	ESTE (m)		NORTE (m)	ESTE (m)			
B3	98308.141	89257.996	2702.138	98310.1298	89260.7131	2701.128	1.9886	2.7169
D3	98245.874	89323.979	2698.587	98248.3542	89328.0471	2696.756	2.480	4.068
A4	98379.779	89315.849	2682.339	98381.7869	89318.762	2681.698	2.008	2.913
B4	98335.889	89348.156	2677.771	98337.334	89351.1525	2676.73	1.445	2.997
C4	98222.698	89429.162	2679.336	98223.6208	89429.7011	2678.847	0.922	0.539
N9	98249.634	89503.500	2664.850	98250.4412	89504.1976	2664.394	0.807	0.698
E4	98172.776	89464.746	2684.525	98173.6112	89465.1598	2684.114	0.835	0.414
N14	98200.288	89525.787	2673.913	98201.0342	89526.1625	2673.568	0.747	0.376

N100	98298.695	89031.623	2745.318	98298.7053	89031.7801	2745.251	0.011	0.158
N-102	98285.933	89124.762	2734.774	98286.0036	89124.8692	2734.717	0.071	0.107
N50	98179.319	89131.279	2755.787	98179.4028	89131.3775	2755.709	0.083	0.099
114N	98143.133	89249.903	2733.368	98143.1727	89249.9903	2733.29	0.039	0.087

CODIGO	CAMPAÑA NOVIEMBRE 10/01 (0)			CAMPAÑA MAYO 15/02 (1)			DELTA	
	COORDENADA		COTA (msnm)	COORDENADA		COTA (msnm)	ΔN (m)	ΔE (m)
	NORTE (m)	ESTE (m)		NORTE (m)	ESTE (m)			
B3	98308.141	89257.996	2702.138	98310.878	89261.738	2700.800	2.7371	3.7415
D3	98245.874	89323.979	2698.587	98249.371	89329.598	2695.853	3.497	5.619
A4	98379.779	89315.849	2682.339	98382.598	89319.963	2681.417	2.818	4.114
B4	98335.889	89348.156	2677.771	98337.880	89352.319	2676.330	1.991	4.163
C4	98222.698	89429.162	2679.336	98224.097	89429.917	2678.604	1.399	0.755
N9	98249.634	89503.500	2664.850	98250.948	89504.533	2664.194	1.314	1.034
E4	98172.776	89464.746	2684.525	98174.077	89465.437	2683.899	1.301	0.690
N14	98200.288	89525.787	2673.913	98201.444	89526.454	2673.379	1.157	0.667
N100	98298.695	89031.623	2745.318	98298.692	89031.745	2745.227	-0.003	0.122
N-102	98285.933	89124.762	2734.774	98285.950	89124.842	2734.720	0.017	0.079
N50	98179.319	89131.279	2755.787	98180.091	89133.840	2755.289	0.771	2.562
114N	98143.133	89249.903	2733.368	98143.127	89250.006	2733.283	-0.006	0.103

CODIGO	CAMPAÑA NOVIEMBRE 10/01 (0)			CAMPAÑA JUNIO 20/02 (1)			DELTA	
	COORDENADA		COTA (msnm)	COORDENADA		COTA (msnm)	ΔN (m)	ΔE (m)
	NORTE (m)	ESTE (m)		NORTE (m)	ESTE (m)			
B3	98308.141	89257.996	2702.138	98312.341	89263.753	2700.104	4.1993	5.7572
D3	98245.874	89323.979	2698.587	98251.311	89332.200	2694.192	5.437	8.221
A4	98379.779	89315.849	2682.339	98383.985	89321.946	2680.930	4.206	6.097
B4	98335.889	89348.156	2677.771	98338.940	89354.681	2675.544	3.051	6.525
C4	98222.698	89429.162	2679.336	98225.081	89430.561	2678.128	2.383	1.399
N9	98249.634	89503.500	2664.850	98251.861	89505.297	2663.743	2.227	1.797
E4	98172.776	89464.746	2684.525	98174.977	89466.018	2683.509	2.201	1.272
N14	98200.288	89525.787	2673.913	98202.192	89527.031	2673.019	1.905	1.244
N100	98298.695	89031.623	2745.318	98298.781	89031.789	2745.151	0.086	0.166
N-102	98285.933	89124.762	2734.774	98286.011	89124.902	2734.650	0.079	0.140
N50	98179.319	89131.279	2755.787	98180.252	89133.936	2755.260	0.932	2.657
114N	98143.133	89249.903	2733.368	98143.198	89250.019	2733.291	0.064	0.116

CODIGO	CAMPAÑA NOVIEMBRE 10/01 (0)			CAMPAÑA JULIO 20/02 (1)			DELTA	
	COORDENADA		COTA (msnm)	COORDENADA		COTA (msnm)	ΔN (m)	ΔE (m)
	NORTE (m)	ESTE (m)		NORTE (m)	ESTE (m)			
B3	98308.141	89257.996	2702.138	98312.630	89264.231	2699.931	4.4888	6.2346
D3	98245.874	89323.979	2698.587	98251.740	89332.733	2693.880	5.866	8.754
A4	98379.779	89315.849	2682.339	98384.297	89322.413	2680.821	4.517	6.564
B4	98335.889	89348.156	2677.771	98339.124	89355.115	2675.350	3.235	6.959
C4	98222.698	89429.162	2679.336	98225.337	89430.657	2678.014	2.639	1.496
N9	98249.634	89503.500	2664.850	98252.020	89505.334	2663.710	2.386	1.835
E4	98172.776	89464.746	2684.525	98175.222	89466.116	2683.402	2.446	1.369
N14	98200.288	89525.787	2673.913	98202.426	89527.113	2672.934	2.138	1.326
N100	98298.695	89031.623	2745.318	98298.682	89031.737	2745.206	-0.013	0.114
N-102	98285.933	89124.762	2734.774	98285.976	89124.832	2734.701	0.044	0.069
N50	98179.319	89131.279	2755.787	98180.175	89133.906	2755.257	0.856	2.628
114N	98143.133	89249.903	2733.368	98143.146	89249.967	2733.275	0.013	0.064

CODIGO	CAMPAÑA NOVIEMBRE 10/01 (0)			CAMPAÑA AGOSTO 25/02 (1)			DELTA	
	COORDENADA		COTA (msnm)	COORDENADA		COTA (msnm)	ΔN (m)	ΔE (m)
	NORTE (m)	ESTE (m)		NORTE (m)	ESTE (m)			
B3	98308.141	89257.996	2702.138	98312.766	89264.423	2699.888	4.6246	6.4268
D3	98245.874	89323.979	2698.587	98251.962	89333.045	2693.761	6.088	9.066
A4	98379.779	89315.849	2682.339	98384.451	89322.632	2680.786	4.672	6.783

B4	98335.889	89348.156	2677.771	98339.240	89355.447	2675.248	3.351	7.291
C4	98222.698	89429.162	2679.336	98225.491	89430.773	2677.924	2.793	1.611
N9	98249.634	89503.500	2664.850	98252.120	89505.490	2663.651	2.486	1.990
E4	98172.776	89464.746	2684.525	98175.359	89466.213	2683.345	2.583	1.467
N14	98200.288	89525.787	2673.913	98202.539	89527.222	2672.875	2.251	1.435
N100	98298.695	89031.623	2745.318	98298.744	89031.760	2745.247	0.049	0.137
N-102	98285.933	89124.762	2734.774	98286.029	89124.822	2734.710	0.096	0.060
N50	98179.319	89131.279	2755.787	98179.401	89131.365	2755.771	0.081	0.087
114N	98143.133	89249.903	2733.368	98143.174	89249.953	2733.287	0.040	0.049

CODIGO	CAMPAÑA NOVIEMBRE 10/01 (0)			CAMPAÑA SEPTIEMBRE 25/02 (1)			DELTA	
	COORDENADA		COTA (msnm)	COORDENADA		COTA (msnm)	ΔN (m)	ΔE (m)
	NORTE (m)	ESTE (m)		NORTE (m)	ESTE (m)			
B3	98308.141	89257.996	2702.138	98312.806	89264.470	2699.810	4.6644	6.474
D3	98245.874	89323.979	2698.587	98247.464	89326.531	2697.490	1.590	2.552
A4	98379.779	89315.849	2682.339	98384.523	89322.777	2680.782	4.743	6.928
B4	98335.889	89348.156	2677.771	98339.308	89355.591	2675.179	3.419	7.435
C4	98222.698	89429.162	2679.336	98225.547	89430.821	2677.870	2.849	1.659
N9	98249.634	89503.500	2664.850	98252.260	89505.602	2663.588	2.626	2.102
E4	98172.776	89464.746	2684.525	98173.315	89465.130	2684.235	0.539	0.384
N14	98200.288	89525.787	2673.913	98202.571	89527.252	2672.848	2.283	1.465
N100	98298.695	89031.623	2745.318	98298.704	89031.830	2745.237	0.009	0.207
N-102	98285.933	89124.762	2734.774	98286.021	89124.921	2734.693	0.089	0.159
N50	98179.319	89131.279	2755.787	98179.308	89131.347	2755.786	-0.012	0.068
114N	98143.133	89249.903	2733.368	98143.201	89250.032	2733.194	0.068	0.129

(Δ) 1-0

ΔC (m)		ENE-FEB			FEB-MAR			MARZ-ABR			ABR-MAY			MAY-JUN
		N	E	C	N	E	C	N	E	C	N	E	C	N
-0.59584	B3	0.005	0.123	-0.06	0.203	0.235	-0.09	0.566	0.729	-0.26	0.749	1.025	-0.33	1.462
-0.976	D3	0.051	0.026	-0.12	0.357	0.637	-0.2	0.533	0.879	-0.53	1.017	1.551	-0.9	1.94
-0.205	A4	0.063	0.021	-0.03	0.294	0.515	-0.16	0.482	0.71	-0.25	0.811	1.201	-0.28	1.388
-0.624	B4	-0.025	0.117	-0	0.275	0.405	-0.06	0.321	0.742	-0.35	0.546	1.166	-0.4	1.06
-0.345	C4	-0.081	0.105	-1.18	0.2	0.013	1.208	0.159	0.082	-0.18	0.476	0.216	-0.24	0.984
-0.114	N9	0.023	-0.01	-0.11	-0.07	0.049	-0.08	0.147	0.112	-0.15	0.507	0.336	-0.2	0.912
-0.283	E4	-0.054	0.085	-0.01	0.083	-0.07	-0.05	0.213	0.099	-0.07	0.466	0.277	-0.22	0.9
-0.228	N14	-0.08	0.054	-0.03	0.11	-0.05	-0.03	0.168	0.095	-0.05	0.41	0.292	-0.19	0.748
0.232	N100	0.156	-0.11	-0.15	0.084	0.147	-0.12	-0.03	-0.03	-0.03	-0.01	-0.04	-0.02	0.089
0.205	N-102	0.061	0.073	-0.15	0.134	-0.02	-0.05	-0.02	-0.03	-0.07	-0.05	-0.03	0.003	0.061
-0.031	N50	0.045	0.099	-0.12	-0.25	-0.2	0.187	0.296	0.166	-0.12	0.688	2.463	-0.42	0.161
0.083	114N	0.059	0.027	-0.05	0.039	0.117	-0.05	-0.02	-0.06	-0.06	-0.05	0.016	-0.01	0.07

(Δ) 1-0

ΔC (m)		D			
-0.651022	B3	12.34	31.07	92.27	249
-1.096	D3	5.76	73.06	102.8	324.6
-0.232	A4	6.61	59.3	85.82	242
-0.625	B4	11.91	48.96	80.89	258.9
-1.520	C4	13.27	20	17.87	117.6
-0.225	N9	2.466	8.447	18.49	119
-0.290	E4	10.13	10.81	23.54	107.2
0.081	N14	9.668	11.99	19.27	94.46
0.060	N100	18.98	16.98	3.643	9.919
-0.149	N-102	9.507	13.57	3.744	8.62
0.031	N50	10.91	31.98	33.99	18.75
	114N	6.5	12.36	6.526	7.135

(Δ) 1-0

ΔC (m)
-0.7452
-1.297
-0.395
-0.689
-0.312
-0.304
-0.340
-0.290
-0.038
0.009
0.038
-0.018

(Δ) 1-0

ΔC (m)
-1.0102
-1.831
-0.641
-1.041
-0.489
-0.456
-0.411
-0.345

-0.067
-0.057
-0.078
-0.078

(Δ) 1-0

ΔC (m)
-1.3382
-2.734
-0.922
-1.441
-0.732
-0.656
-0.626
-0.534
-0.091
-0.054
-0.498
-0.085

(Δ) 1-0

ΔC (m)
-2.0342
-4.395
-1.409
-2.227
-1.208
-1.107
-1.016
-0.894
-0.167
-0.124
-0.527
-0.077

(Δ) 1-0

ΔC (m)
-2.2072
-4.707
-1.518
-2.421
-1.322
-1.140
-1.123
-0.979
-0.112
-0.073
-0.530
-0.093

(Δ) 1-0

ΔC (m)
-2.2502
-4.826
-1.553

-2.523
-1.412
-1.199
-1.180
-1.038
-0.071
-0.064
-0.016
-0.081

(Δ) 1-0

ΔC (m)
-2.3282
-1.096
-1.557
-2.592
-1.466
-1.262
-0.290
-1.065
-0.081
-0.081
-0.001
-0.174

N	JUN-JUL			JUL-AGO			AGO-SEP			
	E	C	N	E	C	N	E	C	N	E
2.016	-0.7	0.289	0.477	-0.17	0.136	0.192	-0.04	0.04	0.047	-0.078
2.603	-1.66	0.429	0.532	-0.31	0.222	0.313	-0.12	-4.5	-6.51	3.7295
1.983	-0.49	0.312	0.467	-0.11	0.154	0.219	-0.03	0.072	0.144	-0.004
2.362	-0.79	0.184	0.434	-0.19	0.115	0.332	-0.1	0.068	0.143	-0.069
0.644	-0.48	0.256	0.096	-0.11	0.154	0.115	-0.09	0.056	0.048	-0.054
0.764	-0.45	0.159	0.037	-0.03	0.1	0.156	-0.06	0.14	0.112	-0.063
0.582	-0.39	0.245	0.097	-0.11	0.137	0.097	-0.06	-2.04	-1.08	0.8904
0.577	-0.36	0.233	0.082	-0.08	0.113	0.108	-0.06	0.032	0.031	-0.027
0.044	-0.08	-0.1	-0.05	0.055	0.062	0.023	0.041	-0.04	0.07	-0.01
0.061	-0.07	-0.03	-0.07	0.051	0.052	-0.01	0.009	-0.01	0.099	-0.017
0.096	-0.03	-0.08	-0.03	-0	-0.77	-2.54	0.514	-0.09	-0.02	0.0149
0.013	0.008	-0.05	-0.05	-0.02	0.028	-0.01	0.012	0.027	0.08	-0.093

55.83	23.53	6.174
68.35	38.34	791.6
56.15	26.83	16.12
47.19	35.16	15.87
27.33	19.25	7.352
16.37	18.49	17.95
26.34	16.82	231.3
24.72	15.67	4.427
11.21	6.643	8.072
7.867	5.325	9.907
8.221	265.6	9.465
7.347	3.14	8.418

