

	RELATÓRIO		Nº CEGÁS: RT-GEN-E-03208-0-19	
	CLIENTE: CEGÁS - COMPANHIA DE GÁS DO CEARÁ			FOLHA: 1 de 13
	OBRA: RAMAL POSTO DA PAZ			DATA: 27/05/19
	ÁREA: TOPOGRAFIA			REV.: 0
	TÍTULO: RELATÓRIO DE PONTOS TOPOGRÁFICOS			
	Nº DO CONTRATO: 073/CEGÁS/2018		ENGENHEIRO RESPONSÁVEL:	

ÍNDICE DE REVISÕES	
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REV,	DESCRIÇÃO E/OU FOLHAS ATINGIDAS
0	<p>EMISSION INICIAL</p> <div data-bbox="893 1310 1524 1836">  <p> <input type="checkbox"/> LIBERADO <input type="checkbox"/> LIBERADO SE INCLUIDOS OS COMENTÁRIOS <input type="checkbox"/> NÃO LIBERADO </p> <p>A LIBERAÇÃO NÃO ISENTA E NEM DIMINUI A RESPONSABILIDADE DA PROJETISTA E/OU FORNECEDOR PELO PROJETO E/OU PELO PRODUTO FORNECIDO.</p> <p>QUANDO LIBERADO, O FORNECEDOR DEVE ENTREGAR O DOCUMENTO CERTIFICADO.</p> <p>POR: DATA: / /</p> </div>

	REV, 0	REV, A	REV, B	REV, C	REV, D	REV, E	REV, F
DATA	27/05/19						
PROJETO	CMT						
EXECUÇÃO	CMT						
VERIFICAÇÃO	HEJ						
APROVAÇÃO	SVG						



RELATÓRIO

Nº CEGÁS:

RT-GEN-E-03208-0-19

CLIENTE:

CEGÁS - COMPANHIA DE GÁS DO CEARÁ

FOLHA:

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OBRA:

RAMAL POSTO DA PAZ

DATA:

27/05/19

ÁREA:

TOPOGRAFIA

REV.:

0

TÍTULO:

RELATÓRIO DE PONTOS TOPOGRÁFICOS

1,546062.4320,9586489.4530,13.0600,CO29
2,545998.7242,9586492.7827,15.0092,MF
3,545998.6513,9586492.7021,14.7831,CO
4,545998.6589,9586492.4893,14.7597,CO
5,545999.6797,9586487.1389,14.7259,CO
6,545999.7460,9586486.4551,14.5090,CO
7,545999.7771,9586486.2010,14.8306,MF
8,545974.6068,9586482.7287,15.7938,MF
9,545974.5965,9586482.7707,15.7749,CO
10,545974.5944,9586483.0366,15.6725,CO
11,545973.5819,9586488.3041,15.6905,CO
12,545972.8631,9586488.9595,15.6517,CO
13,545972.8364,9586489.0975,15.9497,MF
14,545948.2515,9586485.6822,16.8437,MF
15,545948.1195,9586485.5680,16.5831,CO
16,545948.1378,9586485.1988,16.6504,CO
17,545948.8343,9586480.1753,16.6197,CO
18,545948.8991,9586479.2220,16.5816,CO
19,545948.8832,9586479.0846,16.7469,MF
20,545939.6389,9586478.0799,17.0166,MF
21,545938.9459,9586477.3730,17.0024,MF
22,545938.8927,9586477.3923,16.8282,CO
23,545938.6499,9586477.3546,16.8623,CO
24,545939.5001,9586478.2546,16.8635,CO
25,545939.5815,9586478.1166,16.7949,CO
26,545939.6893,9586477.9087,17.0202,EDIF
27,545939.0861,9586476.4489,16.9675,PL
28,545940.5284,9586464.9291,17.1698,EDIF
29,545939.9974,9586464.7301,17.1334,MF
30,545939.9079,9586464.6707,16.9220,CO
31,545939.6106,9586464.7735,16.9452,CO
32,545932.1808,9586463.9545,17.0389,CO
33,545931.3958,9586463.9299,16.9756,CO
34,545931.2509,9586463.9267,17.1200,EDIF
35,545929.4496,9586464.0734,17.3149,EDIF
36,545926.4366,9586464.0900,17.5221,EDIF
37,545930.4790,9586470.7971,17.0713,PTL
38,545930.5126,9586473.1249,17.0219,PTL
39,545930.4665,9586473.8163,17.0686,MF
40,545930.4764,9586473.8445,17.0367,CO
41,545930.7443,9586473.9065,17.0781,CO
42,545928.3100,9586476.0535,17.2155,CO
43,545927.9703,9586476.0938,17.1291,CO
44,545927.8602,9586476.0377,17.1924,MF
45,545925.0350,9586474.6995,17.2497,EDIF
46,545926.6224,9586484.3255,17.2694,EDIF
47,545927.7324,9586485.4808,17.2413,EDIF
48,545929.1913,9586485.0420,17.1304,MF
49,545927.6170,9586483.1355,17.3004,MF
50,545927.5534,9586482.9993,17.1897,CO
51,545927.5999,9586482.8141,17.2384,CO
52,545929.6098,9586484.8291,17.0777,CO
53,545929.3021,9586484.8243,17.1340,CO
54,545927.2000,9586499.2450,17.6503,EDIF

55,545928.5047,9586501.0220,17.3751,MF
56,545928.5613,9586501.0690,17.1653,CO
57,545928.8876,9586501.0891,17.1094,CO
58,545936.3135,9586502.0830,17.0528,CO
59,545937.0775,9586502.1263,16.9854,CO
60,545937.1894,9586502.1854,17.0908,MF
61,545938.0901,9586486.0905,17.0103,MF
62,545939.6863,9586484.6177,17.0489,MF
63,545939.7172,9586484.5493,16.8541,CO
64,545939.7674,9586484.4627,16.8973,CO
65,545938.1354,9586485.7404,16.9030,CO
66,545938.2170,9586485.8392,16.9136,CO
67,545940.5119,9586484.6910,17.0177,PTL
68,545936.7821,9586481.8410,17.0511,PV
69,545909.5249,9586480.2772,18.0707,PTL
70,545902.8254,9586479.5108,18.2526,MF
71,545902.7433,9586479.3994,18.1319,CO
72,545902.7729,9586479.0857,18.1706,CO
73,545903.0833,9586473.6291,18.1402,CO
74,545903.1489,9586472.7732,18.0180,CO
75,545903.1389,9586472.6999,18.1486,MF
76,545903.2431,9586472.5620,18.1758,PTL
77,545899.6806,9586471.6594,18.4092,PTL
78,545877.6316,9586468.7351,19.2510,MF
79,545877.5922,9586468.8134,19.0891,CO
80,545877.5643,9586469.2328,19.1073,CO
81,545876.8692,9586474.9258,19.1614,CO
82,545876.8677,9586475.4960,19.0503,CO
83,545876.8904,9586475.6746,19.1224,MF
84,545875.8162,9586476.3959,19.1893,MF
85,545875.4880,9586476.4746,19.1305,CO
86,545875.4251,9586476.4355,19.1558,CO
87,545877.6664,9586476.0385,19.1618,PTL
88,545878.2068,9586477.7924,19.3982,EDIF
89,545877.7440,9586478.5322,19.4731,EDIF
90,545876.1501,9586490.4420,19.5376,EDIF
91,545874.2660,9586490.5817,19.4876,MF
92,545874.1793,9586490.5326,19.3885,CO
93,545874.0406,9586490.5197,19.4117,CO
94,545866.6084,9586491.9511,19.5953,CO
95,545865.5818,9586491.9937,19.5190,CO
96,545865.5587,9586492.0036,19.5704,MF
97,545863.7615,9586492.0201,20.1095,EDIF
98,545866.8056,9586479.2177,19.5090,MF
99,545866.8355,9586478.2503,19.5475,MF
100,545866.6481,9586476.9665,19.5337,MF
101,545865.9281,9586475.7247,19.5653,MF
102,545864.9953,9586474.6879,19.5947,MF
103,545863.7927,9586473.8658,19.6737,MF
104,545863.5714,9586473.6932,19.6225,CO
105,545863.6409,9586473.6454,19.6749,CO
106,545864.2270,9586473.8135,19.5860,CO
107,545864.3246,9586474.0193,19.5398,CO
108,545864.9471,9586474.5608,19.4869,CO



RELATÓRIO

Nº CEGÁS:

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TOPOGRAFIA

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TÍTULO:

RELATÓRIO DE PONTOS TOPOGRÁFICOS

109,545865.0517,9586474.5884,19.5086,CO
110,545866.1999,9586475.3978,19.4692,CO
111,545866.1919,9586475.8119,19.4844,CO
112,545867.0752,9586476.9775,19.4357,CO
113,545866.7992,9586477.2443,19.4611,CO
114,545867.2327,9586478.1258,19.4252,CO
115,545866.9864,9586478.3332,19.4402,CO
116,545867.0375,9586479.2348,19.4275,CO
117,545866.8984,9586479.4358,19.4524,CO
118,545868.7646,9586475.7714,19.4334,PV
119,545873.9173,9586472.9880,19.2847,PV
120,545865.4589,9586467.7649,19.6700,CO
121,545865.5084,9586467.3982,19.5625,CO
122,545865.5043,9586467.3338,19.6517,MF
123,545860.3374,9586466.2737,19.8965,PTEL
124,545844.4306,9586471.3101,20.5679,PTEL
125,545833.7520,9586469.9260,21.0083,MF
126,545833.7334,9586469.8582,20.9320,CO
127,545833.7811,9586469.4551,21.0302,CO
128,545834.2866,9586463.5101,21.0022,CO
129,545834.4157,9586463.0542,21.0139,CO
130,545834.4056,9586462.9258,21.2097,MF
131,545819.9324,9586460.8301,21.8649,MF
132,545819.0743,9586460.3084,21.8975,MF
133,545818.2957,9586459.0563,21.9432,MF
134,545818.2159,9586458.9775,21.7773,CO
135,545818.0958,9586459.0321,21.7897,CO
136,545818.2953,9586460.0372,21.7154,CO
137,545818.5310,9586460.0348,21.7196,CO
138,545819.8594,9586461.0977,21.6469,CO
139,545819.9442,9586460.9303,21.6252,CO
140,545819.9938,9586459.8615,21.9820,EDIF
141,545821.9263,9586460.5638,21.7054,PTEL
142,545820.8082,9586444.3947,21.8568,EDIF
143,545819.4656,9586444.3512,21.8807,MF
144,545819.4146,9586444.3832,21.8265,CO
145,545818.8576,9586444.4194,21.8789,CO
146,545811.2923,9586444.4416,21.9730,CO
147,545810.5812,9586444.4592,21.9238,CO
148,545810.4697,9586444.3857,21.9606,MF
149,545808.5792,9586444.6276,22.1146,EDIF
150,545807.8419,9586452.7121,22.0731,EDIF
151,545806.9688,9586453.5805,22.1201,EDIF
152,545806.1039,9586453.9157,22.1611,EDIF
153,545807.7636,9586456.6632,21.9198,MF
154,545809.4269,9586455.5659,21.8261,MF
155,545809.4503,9586455.5092,21.8137,CO
156,545809.6925,9586455.6661,21.8293,CO
157,545807.8665,9586457.1416,21.8816,CO
158,545807.8745,9586456.9064,21.8242,CO
159,545807.8758,9586464.9765,21.9355,CO
160,545807.8355,9586465.6974,21.9667,CO
161,545807.7756,9586465.7972,22.0760,MF
162,545808.5468,9586466.7003,22.0355,MF

163,545808.5657,9586466.7782,21.9731,CO
164,545808.9256,9586466.7586,21.9953,CO
165,545808.6360,9586467.0513,22.0666,PTEL
166,545806.7745,9586468.7563,22.2921,EDIF
167,545806.9494,9586477.5852,22.1605,CXESG
168,545805.9456,9586487.4788,21.9765,CXESG
169,545805.7381,9586490.3188,22.0263,CXESG
170,545806.5016,9586495.4204,21.9007,MF
171,545806.5199,9586495.4581,21.8401,CO
172,545807.0357,9586495.4658,21.8746,CO
173,545814.4081,9586496.0707,21.8265,CO
174,545815.1232,9586496.0696,21.7846,CO
175,545815.2824,9586496.0709,21.7599,MF
176,545817.1647,9586473.0949,21.8286,PTEL
177,545817.4336,9586470.6934,21.8445,PTEL
178,545820.6913,9586468.3268,21.6358,PTEL
179,545819.9616,9586467.8995,21.6508,MF
180,545819.0991,9586468.0149,21.5969,MF
181,545818.1471,9586468.7999,21.6502,MF
182,545817.5791,9586469.9077,21.7336,MF
183,545817.4961,9586469.9012,21.7632,CO
184,545817.1316,9586469.9442,21.7727,CO
185,545817.2284,9586469.1878,21.7566,CO
186,545817.5113,9586469.0454,21.6886,CO
187,545818.0430,9586467.9806,21.6728,CO
188,545818.3743,9586468.0599,21.6279,CO
189,545819.5816,9586467.4032,21.6722,CO
190,545819.5425,9586467.4980,21.6321,CO
191,545821.8268,9586470.3786,21.8658,EDIF
192,545820.6219,9586471.2638,21.7969,EDIF
193,545819.3726,9586472.6145,21.8023,EDIF
194,545818.9146,9586473.8908,21.8898,EDIF
195,545818.0005,9586472.1548,21.8604,CXFO
196,545813.4482,9586525.0906,21.6955,MF
197,545813.2886,9586525.0853,21.6165,CO
198,545812.8232,9586525.2001,21.6257,CO
199,545805.3030,9586524.3842,21.6346,CO
200,545804.5932,9586524.1784,21.6247,CO
201,545804.5207,9586524.1523,21.6422,MF
202,545804.5119,9586524.0545,21.6120,CO
203,545804.4522,9586523.7308,21.6010,CO
204,545802.4764,9586524.1248,21.7981,EDIF
205,545786.4962,9586522.0332,22.6281,EDIF
206,545786.3318,9586521.9560,22.6179,MF
207,545786.3425,9586521.8541,22.6022,CO
208,545786.2767,9586521.7095,22.6037,CO
209,545785.9843,9586516.5616,22.5859,CO
210,545785.8794,9586515.9397,22.6141,CO
211,545785.8518,9586515.7214,22.6577,MF
212,545807.2807,9586519.1322,21.7937,PV
213,545802.5121,9586547.1298,21.4195,MF
214,545802.5613,9586547.0901,21.2687,CO
215,545802.8820,9586547.0824,21.3102,CO
216,545810.5634,9586547.3797,21.3336,CO



RELATÓRIO

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TÍTULO:

RELATÓRIO DE PONTOS TOPOGRÁFICOS

217,545811.2664,9586547.3562,21.2775,CO
218,545811.4326,9586547.4491,21.3631,MF
219,545809.5035,9586577.7660,20.9063,MF
220,545809.5183,9586577.8853,20.7874,CO
221,545809.2049,9586577.7994,20.7927,CO
222,545801.0432,9586576.8144,21.0269,CO
223,545800.5571,9586576.5742,20.9868,CO
224,545800.4352,9586576.4499,21.0656,MF
225,545798.6330,9586577.7750,21.0763,MF
226,545798.5501,9586577.7660,20.9876,CO
227,545798.4562,9586578.1165,21.0777,CO
228,545800.1976,9586576.6274,21.0994,PTL
229,545798.8273,9586576.4134,21.1651,EDIF
230,545795.8240,9586587.9422,21.1162,EDIF
231,545796.7191,9586589.8690,21.0206,EDIF
232,545799.3632,9586588.1774,20.9374,MF
233,545798.0404,9586586.8101,20.9993,MF
234,545798.0093,9586586.7537,20.9171,CO
235,545797.9677,9586586.2521,20.9563,CO
236,545799.5206,9586588.2177,20.8324,CO
237,545799.8539,9586588.1047,20.8443,CO
238,545797.1338,9586602.6383,20.8484,EDIF
239,545798.7133,9586603.0425,20.7967,MF
240,545798.7922,9586602.9965,20.6241,CO
241,545799.0559,9586602.9983,20.6279,CO
242,545806.9801,9586603.1042,20.4624,CO
243,545807.5537,9586603.1513,20.4471,CO
244,545807.6770,9586603.2242,20.5794,MF
245,545808.9405,9586603.0771,20.6049,EDIF
246,545809.4940,9586595.7258,20.6416,EDIF
247,545811.4273,9586594.1771,20.6173,EDIF
248,545808.5356,9586592.8216,20.6552,MF
249,545810.0534,9586592.2287,20.5674,MF
250,545809.9626,9586592.2045,20.5358,CO
251,545810.0971,9586591.8225,20.5657,CO
252,545808.0319,9586592.7114,20.6961,CO
253,545808.5026,9586592.6605,20.6148,CO
254,545823.6668,9586595.9741,20.2423,EDIF
255,545823.9144,9586594.4760,20.0962,MF
256,545823.9465,9586594.3077,19.9214,CO
257,545823.9864,9586594.1130,19.9625,CO
258,545824.8169,9586588.4569,20.0745,CO
259,545825.0109,9586587.8662,20.3528,CO
260,545825.0424,9586587.6431,20.7640,MF
261,545825.1237,9586587.3512,20.9092,EDIF
262,545810.4882,9586584.3022,20.9380,EDIF
263,545809.0595,9586584.4454,20.8243,MF
264,545809.0926,9586584.5511,20.5977,CO
265,545808.9703,9586584.9316,20.6895,CO
266,545808.6447,9586584.4472,20.7127,CO
267,545808.7997,9586584.4044,20.6376,CO
268,545802.1512,9586588.4109,20.8927,PV
269,545798.6315,9586587.8099,21.0228,CXFO
270,545802.7538,9586580.2426,20.9887,PV

271,545772.7466,9586574.0139,21.5277,MF
272,545772.7808,9586574.0752,21.4749,CO
273,545772.7301,9586574.3993,21.4617,CO
274,545771.0311,9586581.9531,21.3541,CO
275,545771.0822,9586582.5368,21.2892,CO
276,545771.0137,9586582.7472,21.3514,MF
277,545768.2383,9586585.0792,21.3955,MF
278,545768.1453,9586585.0485,21.3655,CO
279,545767.6695,9586585.1600,21.3874,CO
280,545770.5987,9586582.4819,21.3367,CO
281,545770.7259,9586582.7606,21.2771,CO
282,545771.3553,9586585.0010,21.5845,EDIF
283,545769.6428,9586586.7763,21.4318,EDIF
284,545772.5139,9586584.0881,21.7936,CXFO
285,545767.9528,9586599.1783,21.3393,MF
286,545767.9256,9586599.1443,21.1828,CO
287,545767.7021,9586599.1643,21.2774,CO
288,545764.6569,9586599.0656,21.3410,CO
289,545764.2094,9586599.0148,21.2506,CO
290,545764.1203,9586598.9822,21.3941,MF
291,545762.5413,9586599.1986,21.4810,EDIF
292,545762.4548,9586583.5310,21.7195,EDIF
293,545763.2236,9586583.5102,21.6224,PTL
294,545763.5383,9586584.4011,21.6050,PTL
295,545763.5096,9586587.0524,21.5765,PTL
296,545762.7610,9586582.8220,21.5346,CXFO
297,545763.8805,9586582.1518,21.4482,MF
298,545764.0293,9586582.1614,21.4324,CO
299,545764.3283,9586582.1569,21.4198,CO
300,545763.7998,9586581.6886,21.3966,CO
301,545763.8003,9586582.0192,21.4001,CO
302,545766.4386,9586575.0735,21.5209,PV
303,545742.8676,9586569.7896,21.8891,MF
304,545742.8541,9586569.8464,21.7951,CO
305,545742.7626,9586570.2074,21.8301,CO
306,545740.8533,9586577.6308,21.7569,CO
307,545740.7595,9586578.3956,21.7424,CO
308,545740.7148,9586578.5657,21.7567,MF
309,545740.7859,9586578.7173,21.7740,PTL
310,545714.6562,9586574.7319,22.3123,MF
311,545715.2359,9586575.7312,22.3592,MF
312,545714.9040,9586574.8364,22.2598,CO
313,545715.1027,9586574.7275,22.2426,CO
314,545715.5166,9586575.5486,22.2577,CO
315,545715.3208,9586575.6824,22.2606,CO
316,545715.1502,9586576.4396,22.4201,EDIF
317,545718.9689,9586578.5877,22.3163,EDIF
318,545719.3274,9586575.9588,22.1897,PTL
319,545721.3981,9586577.0246,22.2435,CXFO
320,545726.7317,9586579.5880,22.2240,N300
321,545739.9835,9586581.5386,21.9819,EDIF
322,545740.1482,9586580.6310,21.9269,EDIF
323,545733.7589,9586579.2396,21.9995,CXESG
324,545736.6027,9586568.2351,22.1885,N339



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325,545739.4852,9586568.2757,22.0764,N323
326,545744.2664,9586580.6319,21.9743,N298
327,545746.7861,9586580.8652,21.8501,SN
328,545755.1391,9586570.5354,21.5385,N321
329,545756.7427,9586570.7312,21.6967,N321A
330,545761.1158,9586572.4846,21.7297,PTA
331,545763.2235,9586572.7396,21.6216,PTA
332,545760.4136,9586571.9077,21.8654,CXESG
333,545762.5376,9586572.0573,21.7935,SN
334,545767.9948,9586572.5014,21.6887,N317
335,545781.4524,9586574.1540,21.4745,N315
336,545789.2379,9586575.4294,21.3239,N313
337,545799.5113,9586573.3308,21.2077,SN
338,545810.8333,9586570.1261,21.1547,N131
339,545811.3518,9586567.7948,21.1197,N135
340,545810.9350,9586566.5989,21.0957,CXESG
341,545810.5499,9586564.7195,21.2938,PTEL
342,545811.5539,9586562.4910,21.1673,N139
343,545800.1539,9586559.2250,21.6506,N174
344,545800.6096,9586555.3596,21.3213,SN
345,545800.8853,9586548.7595,21.3654,N176
346,545801.8405,9586537.6117,21.6876,N180
347,545812.0812,9586553.8785,21.3278,N147
348,545812.2866,9586546.8472,21.4197,CXESG
349,545813.0261,9586543.4745,21.5317,N179
350,545813.3349,9586539.1897,21.6700,N181
351,545812.6390,9586535.3621,21.5592,PTEL
352,545813.4634,9586533.1457,21.5963,N181A
353,545813.9950,9586528.9229,21.7216,N183
354,545814.2347,9586526.2271,21.7333,N185
355,545814.7636,9586520.7344,21.7194,N219
356,545815.5575,9586512.5757,21.7557,N219A
357,545815.1396,9586511.7366,21.7471,CXESG
358,545815.3027,9586510.1128,21.7330,CXESG
359,545815.0569,9586510.3343,21.7155,PTEL
360,545815.5719,9586508.9516,21.7393,N227
361,545815.9043,9586504.8063,21.7439,N231
362,545815.6128,9586503.4236,21.8333,CXESG
363,545815.1593,9586502.3263,21.7829,PTEL
364,545816.4129,9586500.7541,21.8024,N235
365,545815.8114,9586499.8505,21.8383,CXESG
366,545804.8483,9586493.5150,22.1784,EDIF
367,545803.7736,9586507.0601,22.1312,N186
368,545803.2427,9586515.1029,22.0952,EDIF
369,545804.1305,9586499.0482,22.1547,SN
370,545805.2578,9586491.9486,22.0991,N182
371,545805.5197,9586485.5046,22.0476,N188
372,545805.9241,9586481.8474,22.0503,N190
373,545806.3758,9586474.1917,22.3050,N192
374,545818.5391,9586476.3605,21.8915,N255
375,545842.2825,9586462.7217,20.7495,SN
376,545841.6665,9586462.1814,20.8914,EDIF
377,545845.5743,9586463.4178,20.7338,EDIF
378,545847.5556,9586473.2366,20.5107,N404

379,545889.3160,9586469.6694,19.1904,N375
380,545910.7034,9586472.6789,18.2937,SN
381,545925.3806,9586484.1027,17.5896,SN
382,545947.2890,9586487.3307,16.7839,SN
383,545947.6468,9586486.4497,16.8231,CXESG
384,545948.7756,9586487.5821,16.7945,N344
385,545961.3247,9586480.3288,16.5325,SN
386,545975.8882,9586482.1985,15.7627,N331
387,545980.1493,9586482.9233,15.8130,N329
388,545979.2423,9586482.8050,15.8613,CXESG
389,545994.9034,9586485.1351,15.0131,N321
390,545995.2950,9586493.7938,15.1388,N320
391,545996.7989,9586494.2065,15.1419,N318
392,545997.0269,9586494.0415,15.1687,CXESG
393,545991.2083,9586493.4339,15.2131,N322
394,545991.6242,9586493.2175,15.1987,CXESG
395,545999.9584,9586494.5921,15.1323,EDIF
396,546000.1834,9586494.0388,15.0423,EDIF
397,546003.2671,9586493.9279,14.6418,N314
398,546062.5634,9586484.4132,13.0262,TGAS
399,546062.7831,9586491.8804,13.0719,MF
400,546061.1237,9586491.5818,13.0650,MF
401,546060.9768,9586491.6036,12.9033,CO
402,546060.4812,9586491.6027,12.8900,CO
403,546062.9036,9586491.7939,12.9274,CO
404,546063.4030,9586491.8286,12.8923,CO
405,546062.4501,9586487.6392,13.0685,POST
406,546062.9226,9586481.7625,12.9827,SEMAF
407,546062.3044,9586478.0029,12.9789,SEMAF
408,546063.0804,9586469.7670,12.9410,SEMAF
409,546064.9115,9586466.1837,12.7881,CO
410,546065.3817,9586466.2224,12.7621,CO
411,546061.9607,9586466.1274,12.7604,CO
412,546061.6170,9586466.1455,12.7454,CO
413,546062.1486,9586466.1184,12.9109,MF
414,546064.7172,9586466.2438,12.9065,MF
415,546064.7696,9586457.1104,12.8693,TGAS
416,546066.7659,9586437.7470,12.7879,MF
417,546063.4631,9586437.7831,12.7610,MF
418,546063.2764,9586437.7951,12.6160,CO
419,546062.9883,9586437.8056,12.5930,CO
420,546049.7736,9586437.6819,12.3352,CO
421,546048.7868,9586437.5793,12.3159,CO
422,546048.5463,9586437.6100,12.4507,MF
423,546046.3493,9586468.3203,12.6813,SEMAF
424,546046.9296,9586466.9084,12.6291,MF
425,546047.0156,9586466.9328,12.4220,CO
426,546047.3974,9586466.9068,12.4850,CO
427,546045.9677,9586490.6271,12.9702,MF
428,546044.1809,9586492.1233,13.1051,MF
429,546044.2018,9586492.1753,13.0027,CO
430,546044.2118,9586492.3818,13.0084,CO
431,546046.3855,9586490.9183,12.8526,CO
432,546046.0639,9586490.7943,12.7873,CO



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433,546045.5822,9586489.0770,12.9297,PTEL
434,546045.1255,9586489.9264,13.0116,CXFO
435,546042.5648,9586491.4319,13.2094,EDIF
436,546044.1927,9586499.3400,13.6532,MF
437,546045.2040,9586500.2403,13.3339,MF
438,546045.7910,9586501.0515,13.3040,MF
439,546045.7789,9586501.0689,13.0067,CO
440,546046.0399,9586500.9634,13.0207,CO
441,546045.9486,9586500.4107,12.9996,CO
442,546045.6674,9586500.4455,13.0192,CO
443,546044.4798,9586499.1261,13.0567,CO
444,546044.3465,9586499.2359,13.0568,CO
445,546044.1289,9586498.6714,13.0691,BOLE
446,546042.8205,9586498.4501,13.1317,BOLE
447,546042.7704,9586498.8540,13.1352,BOLE
448,546045.8254,9586500.9489,13.0188,BOLE
449,546046.5363,9586501.1166,13.0546,BOLE
450,546046.4724,9586502.2912,13.0752,BOLE
451,546045.6519,9586502.6358,13.3132,PL
452,546044.3336,9586499.6921,13.6132,PTEL
453,546043.6900,9586499.7112,13.6453,PTEL
454,546044.1582,9586500.6666,13.6150,EDIF
455,546041.1817,9586499.2803,13.6461,EDIF
456,546043.6258,9586516.2803,13.3024,EDIF
457,546044.5246,9586516.5413,13.3261,MF
458,546044.6310,9586516.5186,13.2591,CO
459,546044.9533,9586516.5317,13.1919,CO
460,546050.1940,9586516.8671,13.0629,CO
461,546050.7359,9586516.7979,13.0462,CO
462,546051.0232,9586516.8322,13.2690,MF
463,546051.0271,9586516.8214,13.2750,MF
464,546051.1368,9586516.7879,13.0709,CO
465,546051.4479,9586516.8024,13.0349,CO
466,546059.0360,9586517.1439,12.9993,CO
467,546059.6899,9586517.1070,13.0293,CO
468,546059.9929,9586517.1341,13.2084,MF
469,546060.7215,9586517.1843,13.1874,MF
470,546061.4449,9586497.8801,13.0748,PL
471,545035.6782,9586616.5568,20.0077,AP1
472,545087.7557,9586574.5947,20.0569,MF
473,545088.7361,9586574.3214,20.0323,MF
474,545089.5450,9586573.1636,19.9920,MF
475,545089.9796,9586572.1091,20.1352,MF
476,545090.1900,9586572.0126,19.7802,CO
477,545090.4528,9586572.0359,19.8758,CO
478,545090.1130,9586572.7120,19.9372,CO
479,545089.6855,9586572.8132,19.9370,CO
480,545089.5260,9586573.3818,19.9590,CO
481,545089.6411,9586573.7458,19.9556,CO
482,545088.4460,9586574.7633,19.9918,CO
483,545088.4185,9586574.5865,19.9436,CO
484,545099.7790,9586576.6189,20.0123,CO
485,545099.3568,9586576.2411,19.9727,CO
486,545098.8595,9586574.9365,19.7768,CO

487,545098.7296,9586573.5850,19.7505,CO
488,545098.6520,9586573.4216,19.8386,CO
489,545098.5704,9586574.8692,19.8877,CO
490,545099.4208,9586576.4849,20.0261,CO
491,545100.2137,9586576.6900,20.0347,CO
492,545100.2789,9586576.6440,20.2224,MF
493,545099.1284,9586575.7670,20.0942,MF
494,545099.0668,9586574.6018,20.1290,MF
495,545098.7284,9586573.3926,20.0258,MF
496,545099.2427,9586573.0051,20.1616,EDIF
497,545095.0668,9586537.7858,19.4119,MF
498,545095.0860,9586537.7066,19.2636,CO
499,545095.6781,9586537.7616,19.3132,CO
500,545102.7948,9586536.8556,19.3531,CO
501,545103.7397,9586536.9687,19.3052,CO
502,545103.8763,9586537.0029,19.3009,MF
503,545107.4059,9586511.8426,19.5037,MF
504,545107.3121,9586511.8909,19.2531,CO
505,545106.7857,9586511.7845,19.2154,CO
506,545099.2300,9586510.4464,19.2246,CO
507,545098.7973,9586510.4135,19.1671,CO
508,545098.6938,9586510.3881,19.2365,MF
509,545098.5710,9586510.6865,19.3233,PTEL
510,545101.3169,9586490.3626,19.1889,MF
511,545099.5476,9586487.7427,19.0720,MF
512,545099.5823,9586487.6669,18.9484,CO
513,545099.8040,9586487.4424,18.9926,CO
514,545101.7545,9586490.0255,19.0362,CO
515,545101.4744,9586490.1565,18.9960,CO
516,545099.9170,9586490.2007,19.1796,EDIF
517,545098.9731,9586489.0547,19.0940,EDIF
518,545099.0232,9586488.3490,19.0205,PL
519,545085.3282,9586486.8410,19.0016,EDIF
520,545085.6486,9586485.8979,18.9399,MF
521,545085.6481,9586485.8201,18.7181,CO
522,545085.6303,9586485.4374,18.7473,CO
523,545086.3548,9586477.8199,18.7744,CO
524,545086.5007,9586477.2564,18.7874,CO
525,545086.4866,9586476.9501,18.7042,MF
526,545100.5425,9586479.1422,18.8819,MF
527,545102.2507,9586478.7294,18.9807,MF
528,545102.8985,9586477.9097,19.0303,MF
529,545103.0558,9586477.8571,18.9915,CO
530,545103.2214,9586477.9167,18.9607,CO
531,545102.1912,9586479.1229,18.8969,CO
532,545102.0512,9586478.9771,18.8738,CO
533,545102.2832,9586478.6955,18.9725,PTEL
534,545101.8535,9586478.3909,18.9472,EDIF
535,545104.6811,9586466.1158,18.8728,MF
536,545104.7769,9586466.0967,18.7851,CO
537,545105.1885,9586466.0924,18.7437,CO
538,545111.8560,9586466.6662,18.7818,CO
539,545112.6690,9586466.7287,18.7109,CO
540,545112.7759,9586466.7737,18.8598,MF



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541,545113.6116,9586466.8429,18.9213,EDIF
542,545112.1889,9586473.7282,19.0209,PTEL
543,545111.2441,9586479.7924,18.9587,MF
544,545111.5940,9586480.2062,18.9899,MF
545,545111.6288,9586480.3430,18.9290,CO
546,545111.5678,9586480.5352,18.9504,CO
547,545111.2210,9586479.8047,18.8661,CO
548,545111.2118,9586479.8479,18.8823,CO
549,545112.0617,9586479.9285,19.0354,PL
550,545112.1882,9586479.7159,19.0845,EDIF
551,545108.4957,9586482.2357,19.1047,PV
552,545109.6007,9586491.3546,19.3269,MF
553,545109.5853,9586491.4310,19.0906,CO
554,545109.3715,9586491.2836,19.1194,CO
555,545110.5739,9586489.9242,19.0823,CO
556,545110.6545,9586490.6072,19.0916,CO
557,545110.6884,9586490.7099,19.3648,MF
558,545111.6085,9586491.0009,19.3315,EDIF
559,545120.4492,9586490.6776,19.1678,PTEL
560,545143.9530,9586494.2416,19.5884,MF
561,545144.0075,9586494.1756,19.4499,CO
562,545144.1137,9586493.8031,19.5181,CO
563,545144.5428,9586486.0241,19.5381,CO
564,545144.4934,9586485.4381,19.4711,CO
565,545144.5388,9586485.2546,19.6159,MF
566,545143.2106,9586484.8756,19.6465,PTEL
567,545170.1847,9586488.9358,19.9604,PTEL
568,545170.6689,9586489.0462,19.9721,MF
569,545170.7277,9586489.0688,19.8413,CO
570,545170.6921,9586489.4935,19.8883,CO
571,545170.1570,9586496.9180,19.9652,CO
572,545170.0757,9586497.4508,19.9580,CO
573,545170.0117,9586497.6528,19.9741,MF
574,545184.8898,9586491.0048,20.2731,PTEL
575,545235.3245,9586498.3102,20.6941,MF
576,545237.6144,9586496.6476,20.8145,MF
577,545237.7904,9586496.5468,20.6443,CO
578,545238.0785,9586496.8478,20.7084,CO
579,545235.6261,9586498.9948,20.6680,CO
580,545235.4253,9586498.4748,20.5650,CO
581,545237.2230,9586496.0498,20.8420,PTEL
582,545236.4638,9586494.2528,20.9249,EDIF
583,545234.2841,9586495.6309,20.9239,EDIF
584,545240.0082,9586478.6270,21.0004,MF
585,545240.1075,9586478.6459,20.8625,CO
586,545240.4327,9586478.6788,20.9709,CO
587,545248.0530,9586479.3379,21.0429,CO
588,545248.6587,9586479.3470,21.0007,CO
589,545248.9124,9586479.3441,21.1122,MF
590,545246.8811,9586496.4427,20.9581,MF
591,545246.8909,9586497.6833,20.8785,MF
592,545247.6003,9586499.9414,20.7869,MF
593,545247.6506,9586500.1916,20.7617,CO
594,545247.6103,9586500.3713,20.8128,CO

595,545246.7627,9586498.2669,20.7579,CO
596,545246.5483,9586498.2448,20.7124,CO
597,545246.7169,9586496.3919,20.7521,CO
598,545246.4274,9586496.2512,20.7663,CO
599,545247.3436,9586494.7060,21.0227,PTEL
600,545248.6098,9586495.2031,21.1704,EDIF
601,545249.6494,9586497.1893,21.2587,EDIF
602,545251.5913,9586498.2766,21.2812,EDIF
603,545246.3404,9586508.1185,20.8292,CO
604,545246.2713,9586508.6180,20.7674,CO
605,545246.2630,9586508.7229,20.8745,MF
606,545256.5860,9586501.4623,21.0550,PTEL
607,545278.8311,9586504.5101,21.1925,MF
608,545278.8368,9586504.5164,21.1161,CO
609,545278.7952,9586504.8847,21.1328,CO
610,545277.9555,9586512.5300,21.1179,CO
611,545277.9033,9586513.1833,21.0493,CO
612,545277.8953,9586513.3290,21.2671,MF
613,545287.0240,9586514.9492,21.3339,PTEL
614,545311.7038,9586518.1214,22.5818,MF
615,545311.7308,9586518.0663,22.4490,CO
616,545311.7759,9586517.7554,22.5054,CO
617,545312.9581,9586510.1869,22.4116,CO
618,545312.9677,9586509.3781,22.3841,CO
619,545312.9197,9586509.3344,22.5127,MF
620,545320.5261,9586519.5334,22.4930,PTEL
621,545358.8127,9586526.1501,21.7168,MF
622,545357.7576,9586524.9540,21.7517,MF
623,545357.6821,9586524.9054,21.7238,CO
624,545357.7699,9586524.5731,21.6656,CO
625,545359.2288,9586526.0568,21.7626,CO
626,545358.8823,9586526.1675,21.7113,CO
627,545358.6650,9586526.6105,21.8958,PTEL
628,545356.9927,9586526.6942,21.9684,EDIF
629,545355.4979,9586542.1582,22.0423,EDIF
630,545356.3565,9586542.4890,22.1595,MF
631,545356.5720,9586542.4439,21.8948,CO
632,545357.0147,9586542.5746,22.0844,CO
633,545364.5012,9586543.8934,22.3277,CO
634,545365.0195,9586543.8613,22.2971,CO
635,545365.1149,9586543.8726,22.3708,MF
636,545367.4642,9586528.5605,22.3776,MF
637,545367.9225,9586527.1407,22.3528,MF
638,545368.7671,9586526.4878,22.3555,MF
639,545368.7857,9586526.5072,22.2429,CO
640,545368.7292,9586526.0900,22.2412,CO
641,545367.6373,9586526.7163,22.1885,CO
642,545367.9057,9586527.0709,22.2161,CO
643,545366.8324,9586528.2770,22.2507,CO
644,545367.3011,9586528.4459,22.2498,CO
645,545368.5201,9586527.4801,22.4099,CXFO
646,545391.8889,9586529.8542,22.4617,PTEL
647,545391.7751,9586529.7705,22.3402,MF
648,545391.7030,9586529.6948,22.2139,CO



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649,545391.7485,9586529.3775,22.2260,CO
650,545392.2812,9586521.7335,22.2285,CO
651,545392.3949,9586521.1473,22.2531,CO
652,545392.4457,9586521.0024,22.4426,MF
653,545392.0335,9586520.7587,22.4372,PL
654,545418.1632,9586524.6502,22.5119,MF
655,545418.2016,9586524.7280,22.4987,CO
656,545418.1258,9586525.0723,22.5144,CO
657,545416.9070,9586532.6005,22.6488,CO
658,545416.8597,9586533.1884,22.5250,CO
659,545416.5328,9586533.3766,21.9767,MF
660,545415.9302,9586533.4097,21.9881,PTL
661,545442.9126,9586537.2866,22.1032,MF
662,545442.8771,9586537.1418,22.0725,CO
663,545442.8893,9586536.5805,22.0906,CO
664,545443.6267,9586529.1801,22.0895,CO
665,545443.7729,9586528.5391,22.0333,CO
666,545443.8079,9586528.3721,22.1231,MF
667,545469.7426,9586532.1109,22.5138,MF
668,545469.8158,9586532.2067,22.1850,CO
669,545469.7385,9586532.6893,22.2268,CO
670,545468.7545,9586539.9598,22.1339,CO
671,545468.7094,9586540.7342,22.2100,CO
672,545468.6958,9586540.8720,22.3290,MF
673,545484.5470,9586534.1044,22.5976,MF
674,545485.6872,9586532.5363,22.5876,MF
675,545485.8366,9586532.5420,22.3479,CO
676,545486.0183,9586532.5272,22.3447,CO
677,545484.7720,9586534.3505,22.4036,CO
678,545484.6265,9586534.1793,22.3539,CO
679,545484.4883,9586532.3685,22.6067,EDIF
680,545487.0177,9586514.9341,22.7819,EDIF
681,545488.2393,9586514.9245,22.6424,MF
682,545488.4087,9586514.8982,22.4127,CO
683,545488.7439,9586514.9054,22.4148,CO
684,545495.0329,9586515.3765,22.5310,CO
685,545495.8185,9586515.4611,22.5766,CO
686,545496.0308,9586515.4425,22.6822,MF
687,545493.8530,9586532.4899,22.5126,MF
688,545493.6782,9586532.4598,22.3311,CO
689,545493.4294,9586532.4940,22.3486,CO
690,545495.6019,9586535.9056,22.4424,MF
691,545495.5275,9586535.8360,22.1513,CO
692,545495.4009,9586536.1456,22.2495,CO
693,545524.7717,9586548.9062,22.3695,MF
694,545524.7276,9586548.7325,22.2801,CO
695,545524.8100,9586548.2866,22.3167,CO
696,545524.5969,9586540.5591,22.4946,CO
697,545524.6869,9586540.1648,22.5153,CO
698,545524.7061,9586540.1128,22.6186,MF
699,545553.9852,9586544.0713,22.6797,MF
700,545557.7213,9586541.3333,22.6913,MF
701,545557.9026,9586541.3769,22.5908,CO
702,545558.0505,9586541.5205,22.6057,CO

703,545554.0948,9586544.5362,22.5685,CO
704,545554.1075,9586544.1649,22.5224,CO
705,545553.1969,9586552.1111,22.4930,CO
706,545553.1591,9586552.5625,22.5169,CO
707,545553.1086,9586552.6580,22.5478,MF
708,545553.4680,9586552.9142,22.5969,PTL
709,545558.5602,9586534.5909,22.7831,PTL
710,545559.4137,9586526.9227,22.8055,MF
711,545559.4318,9586526.9499,22.7705,CO
712,545559.8061,9586526.9761,22.6809,CO
713,545567.2979,9586527.9730,22.6697,CO
714,545567.9855,9586528.0098,22.6400,CO
715,545568.1460,9586528.0445,22.7699,MF
716,545566.4942,9586542.6265,22.6094,MF
717,545566.4794,9586542.5389,22.6275,CO
718,545566.3053,9586542.5246,22.6005,CO
719,545554.1223,9586542.2499,22.4499,EDIF
720,545568.3358,9586542.2146,22.7108,EDIF
721,545569.9308,9586544.0834,22.7758,EDIF
722,545567.2356,9586542.5449,22.6273,PTL
723,545596.0423,9586558.7106,22.7052,MF
724,545596.1060,9586558.6999,22.5227,CO
725,545596.1727,9586558.2700,22.5376,CO
726,545597.5062,9586551.1141,22.7496,CO
727,545597.4973,9586550.2706,22.6525,CO
728,545597.5015,9586550.1613,22.7306,MF
729,545623.2872,9586553.7269,23.0269,MF
730,545623.2684,9586553.7807,22.8987,CO
731,545623.2609,9586554.0417,22.7396,CO
732,545622.1164,9586561.6328,22.6358,CO
733,545621.9614,9586562.0469,22.6549,CO
734,545621.8903,9586562.2623,22.9639,MF
735,545650.4058,9586566.4292,22.6946,MF
736,545650.3963,9586566.3565,22.6557,CO
737,545650.3907,9586565.9942,22.6293,CO
738,545651.0098,9586558.2869,22.7301,CO
739,545651.1113,9586557.5988,22.6742,CO
740,545651.1827,9586557.4586,22.7460,MF
741,545676.5418,9586560.8823,22.8082,MF
742,545680.3362,9586558.5367,22.9001,MF
743,545680.4762,9586558.6629,22.7570,CO
744,545680.6529,9586558.6470,22.7821,CO
745,545676.6112,9586561.1897,22.6886,CO
746,545676.4214,9586560.8357,22.6436,CO
747,545678.9264,9586557.5159,22.9198,EDIF
748,545676.7640,9586559.0446,22.8847,EDIF
749,545680.0300,9586541.6920,23.0941,EDIF
750,545681.5780,9586540.6776,23.0686,PTL
751,545681.6474,9586541.5921,22.9872,MF
752,545681.7931,9586541.5360,22.7800,CO
753,545682.0543,9586541.5318,22.8181,CO
754,545689.8953,9586541.4434,22.8658,CO
755,545690.5131,9586541.4435,22.8750,CO
756,545690.6672,9586541.3960,22.8963,MF



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757,545689.1609,9586562.1027,22.7122,MF
758,545689.1202,9586562.0811,22.7020,CO
759,545688.9046,9586562.0848,22.6635,CO
760,545689.1801,9586562.4442,22.7635,CO
761,545689.1780,9586562.2887,22.7167,CO
762,545689.8623,9586561.5414,22.7842,CXFO
763,545689.5674,9586559.1825,22.8505,PL
764,545690.5015,9586561.3974,22.8264,EDIF
765,545689.3249,9586573.4270,22.8440,EDIF
766,545689.3084,9586571.7935,22.6484,MF
767,545689.2994,9586571.7583,22.6515,CO
768,545689.3746,9586571.4625,22.6633,CO
769,545688.8539,9586571.7695,22.6255,CO
770,545689.0969,9586571.8311,22.6309,CO
771,545688.9152,9586573.4450,22.7213,PL
772,545688.6654,9586572.6599,22.6516,CXFO
773,545687.5998,9586589.1076,22.6074,MF
774,545687.5350,9586589.2090,22.4600,CO
775,545687.2313,9586589.2218,22.4383,CO
776,545679.6662,9586588.5117,22.3426,CO
777,545678.8053,9586588.5063,22.2703,CO
778,545678.6768,9586588.4742,22.3697,MF
779,545677.4979,9586588.5187,22.5291,EDIF
780,545679.8191,9586573.3390,22.6171,MF
781,545679.2054,9586570.3244,22.6818,MF
782,545679.2072,9586570.1575,22.6392,CO
783,545679.2234,9586569.9305,22.6882,CO
784,545680.3666,9586573.0819,22.5543,CO
785,545680.0774,9586573.2041,22.5608,CO
786,545679.2167,9586571.3038,22.7060,PTL
787,545678.1633,9586571.8844,22.7509,EDIF
788,545722.2166,9586566.3348,22.0672,N341
789,545727.5502,9586567.4627,22.1071,PTL
790,545712.1281,9586564.7132,22.3058,SN
791,545708.9608,9586564.2108,22.4482,EDIF
792,545706.7607,9586563.9637,22.6479,CXESG
793,545707.5951,9586562.5850,22.7697,N355
794,545710.8016,9586575.4443,22.4247,N354
795,545703.5232,9586574.6585,22.8039,N360
796,545696.7354,9586574.1325,22.7727,N364
797,545693.5165,9586561.5789,22.5836,N367
798,545681.9281,9586563.9939,22.8111,PV
799,545676.0381,9586570.6643,22.7909,N386
800,545672.1917,9586569.7543,22.6987,PV
801,545670.3542,9586570.1755,22.7976,CXESG
802,545662.4491,9586569.6403,22.7731,SN
803,545650.0369,9586567.1591,22.7615,PTL
804,545648.1428,9586567.7678,22.7951,SN
805,545647.2132,9586566.2378,22.6923,PV
806,545647.9286,9586559.7183,22.8506,PV
807,545650.7482,9586555.9696,22.8518,N379
808,545641.6560,9586566.4730,22.8791,N414
809,545639.1723,9586566.3798,23.0328,N424
810,545635.1572,9586565.8159,23.0019,N434

811,545623.2772,9586553.6509,22.6169,PL
812,545619.5841,9586563.4505,22.9531,N442
813,545611.6026,9586563.1056,22.7452,SN
814,545606.6648,9586562.4878,22.8649,SN
815,545605.2776,9586561.7432,22.7843,CXESG
816,545604.6530,9586560.8066,22.7505,PTL
817,545604.2496,9586561.8279,22.9008,EDIF
818,545602.9092,9586561.6509,22.8839,SN
819,545597.7549,9586560.7399,22.7872,N450
820,545594.7226,9586559.2343,22.7496,PTL
821,545594.4649,9586560.2616,22.7433,N454
822,545585.0196,9586557.6397,22.6393,CXESG
823,545585.9015,9586558.9507,22.6590,SN
824,545577.3194,9586557.7000,22.8416,N464
825,545573.6642,9586557.3471,22.8656,EDIF
826,545571.6223,9586557.3899,22.6776,SN
827,545560.8531,9586556.1457,22.6551,SN
828,545565.6848,9586555.8070,22.5989,CXESG
829,545563.8792,9586548.3110,22.5804,PV
830,545567.8040,9586546.0076,22.5314,MF
831,545567.9135,9586546.0088,22.5258,CO
832,545567.7332,9586546.2173,22.5432,CO
833,545552.5628,9586542.4340,22.6177,N479
834,545556.2830,9586554.7363,22.6060,EDIF
835,545555.3969,9586554.8555,22.7397,SN
836,545554.8813,9586554.4474,22.6732,CXESG
837,545553.7822,9586553.7342,22.6390,PTL
838,545552.0981,9586554.0014,22.7088,N480
839,545545.4957,9586553.1948,22.5489,N482
840,545547.6464,9586542.4986,22.6957,N483
841,545541.6675,9586541.0267,22.6337,N485
842,545533.9897,9586540.4583,22.5697,N489
843,545531.1396,9586539.9758,22.5695,CXESG
844,545527.4057,9586550.2671,22.5192,N484
845,545526.2050,9586550.1493,22.6498,CXESG
846,545516.3680,9586549.1151,22.4518,N488
847,545518.0076,9586538.0057,22.6239,SN
848,545505.7989,9586547.4265,22.4161,N514
849,545507.6341,9586547.5408,22.4085,CXESG
850,545510.2536,9586547.2741,22.2978,PTL
851,545508.0649,9586536.7147,22.5697,N541
852,545495.3370,9586546.1533,22.4930,N530
853,545495.5729,9586545.9960,22.4830,CXESG
854,545493.6327,9586545.4838,22.4731,CXFO
855,545483.4993,9586542.6710,22.3258,PTL
856,545481.2417,9586544.2753,22.1948,SN
857,545482.6844,9586532.7373,22.6190,N565
858,545469.7666,9586530.7300,22.4729,SN
859,545468.9267,9586531.1353,22.5749,CXESG
860,545467.4539,9586530.4308,22.5260,SN
861,545466.6432,9586530.7899,22.4656,PTL
862,545463.2336,9586540.7605,22.2753,N584
863,545455.8173,9586528.9159,22.4924,N583
864,545453.9202,9586528.7548,22.4922,N585



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865,545448.4463,9586539.3053,22.2764,N604
866,545445.3639,9586538.6310,22.2482,CXESG
867,545444.2162,9586538.8258,22.2431,CXESG
868,545442.3116,9586538.6394,22.1851,CXESG
869,545441.3871,9586538.6096,22.1825,SN
870,545438.5231,9586537.2836,22.1040,PTL
871,545445.4659,9586527.0726,22.4347,SN
872,545444.9544,9586527.1437,22.4467,CXESG
873,545443.4368,9586526.6828,22.2199,N591
874,545442.7370,9586526.7557,22.1971,CXESG
875,545439.0695,9586526.1113,22.2013,N609
876,545437.1966,9586525.9757,22.1881,CXESG
877,545433.2801,9586525.2665,22.2100,N621
878,545437.6193,9586536.4899,22.0947,PTL
879,545437.1621,9586537.8575,22.1509,N612
880,545434.7922,9586537.3717,22.1204,SN
881,545427.7308,9586535.9912,22.3618,N620
882,545423.5491,9586535.4297,22.3035,SN
883,545423.5455,9586535.4504,22.3140,CXESG
884,545422.9905,9586535.5154,22.3198,N626
885,545416.9947,9586523.2452,22.0830,N627
886,545414.4548,9586522.7559,22.0748,N631
887,545414.3814,9586533.2144,22.0117,PTL
888,545414.4291,9586534.1864,22.0305,EDIF
889,545398.3529,9586532.7233,22.0419,EDIF
890,545404.5051,9586521.3751,22.2041,N633
891,545403.9518,9586521.1246,22.1491,CXESG
892,545403.0017,9586520.8263,22.1474,SN
893,545392.1382,9586520.4748,22.0505,PL
894,545389.6481,9586519.2604,22.0464,N643
895,545385.3152,9586530.7245,21.8718,SN
896,545369.7172,9586517.8074,21.9476,MF
897,545368.9868,9586517.1347,21.9862,MF
898,545368.9160,9586516.9209,21.7981,CO
899,545368.7392,9586516.9540,21.8685,CO
900,545369.5021,9586517.6624,21.8361,CO
901,545369.4205,9586517.8228,21.8479,CO
902,545370.3835,9586517.6160,21.9093,PTL
903,545369.6132,9586516.3646,21.9377,CXESG
904,545369.6138,9586515.0066,21.9983,PL
905,545370.1293,9586515.6265,21.9761,EDIF
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908,545371.2333,9586501.5922,21.8045,CO
909,545370.9427,9586501.6505,21.8681,CO
910,545363.5003,9586498.7008,21.8282,CO
911,545362.8179,9586498.7774,21.6985,CO
912,545362.6579,9586498.7205,21.8009,MF
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915,545360.1006,9586515.3183,21.7190,MF
916,545359.1614,9586516.1039,21.7186,MF
917,545359.2572,9586516.1409,21.6488,CO
918,545359.1143,9586516.3233,21.6994,CO

919,545360.4539,9586515.6762,21.7402,CO
920,545360.2936,9586515.6128,21.6391,CO
921,545357.7727,9586514.8367,22.0975,N695
922,545359.0798,9586515.5636,22.0335,PL
923,545356.0340,9586525.0148,22.0860,PL
924,545358.0321,9586526.2139,21.9269,PTL
925,545342.4038,9586524.2254,21.9620,SN
926,545331.2867,9586511.3352,21.7674,N717
927,545328.3608,9586510.7598,21.7164,N723
928,545320.1765,9586509.4338,21.6719,N733A
929,545320.2608,9586509.4638,21.7373,CXESG
930,545312.7000,9586508.1367,21.5495,N733
931,545308.6045,9586507.7670,21.4783,CXESG
932,545307.2568,9586507.2984,21.4639,N743
933,545317.1685,9586520.4623,21.5461,N750
934,545320.4417,9586519.9895,21.4083,PTL
935,545308.4197,9586518.7713,21.5390,CXESG
936,545296.4521,9586516.9205,21.4764,CXESG
937,545296.8385,9586517.2557,21.4875,N796
938,545291.1370,9586516.4908,21.4755,SN
939,545288.7392,9586515.9719,21.4272,CXESG
940,545288.2266,9586515.4221,21.3523,PTL
941,545285.8095,9586515.5373,21.3483,N800
942,545286.0385,9586504.4539,21.3218,N755
943,545285.9516,9586504.6365,21.3191,CXESG
944,545275.6200,9586514.0540,21.3410,N804
945,545274.3071,9586502.6433,21.1396,N777
946,545266.8716,9586502.0189,21.0940,CXESG
947,545262.7669,9586501.2770,21.1523,CXESG
948,545264.7681,9586501.0871,21.2168,EDIF
949,545265.0979,9586500.4206,21.3271,EDIF
950,545261.3323,9586499.9005,21.3185,N787
951,545257.4405,9586501.0694,21.1053,PTL
952,545251.1595,9586498.2066,21.3026,EDIF
953,545249.6381,9586496.8335,21.2420,EDIF
954,545248.7965,9586495.0188,21.1753,EDIF
955,545247.9475,9586494.5117,21.0888,PL
956,545239.4202,9586509.1409,20.8940,N814
957,545237.0310,9586508.8085,20.8709,CXESG
958,545235.3033,9586508.6293,20.8538,N816
959,545235.1536,9586508.3119,20.8040,CXESG
960,545225.9877,9586507.2448,20.7868,SN
961,545226.2021,9586506.8991,20.6789,CXESG
962,545221.9639,9586506.7357,20.6363,SN
963,545210.7508,9586504.7605,20.5368,N836
964,545208.0623,9586504.5758,20.4679,N848
965,545187.9289,9586500.6050,20.1502,MF
966,545187.9767,9586500.5332,20.0319,CO
967,545188.0242,9586500.3043,20.0888,CO
968,545188.6305,9586492.4350,20.1397,CO
969,545188.7165,9586491.8862,20.1026,CO
970,545188.7511,9586491.7871,20.2513,MF
971,545189.0656,9586490.2247,20.3459,SN
972,545182.5243,9586489.6971,20.2020,CXESG



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973,545180.8476,9586489.2302,20.1970,N875
974,545174.1342,9586488.0686,20.0014,N883
975,545170.4505,9586487.8651,19.9675,N887
976,545159.5602,9586498.1749,19.9780,SN
977,545157.9108,9586485.9858,19.7525,N901
978,545157.8486,9586486.0258,19.7658,CXESG
979,545146.5571,9586484.7295,19.5846,N907
980,545143.2086,9586484.6742,19.5986,PTEL
981,545144.6385,9586496.0061,19.6644,N906
982,545138.3413,9586483.5691,19.4512,SN
983,545140.0915,9586483.8027,19.4973,CXESG
984,545142.2879,9586484.3361,19.4970,PTEL
985,545137.2264,9586483.3130,19.5349,CXESG
986,545129.7045,9586482.0140,19.3838,N919
987,545128.2855,9586481.9915,19.3748,CXESG
988,545125.1075,9586481.7761,19.3054,CXESG
989,545126.3448,9586481.3653,19.3334,N923
990,545123.5037,9586481.2211,19.2599,N927
991,545122.2997,9586481.4369,19.2316,CXESG
992,545119.2289,9586481.1984,19.1759,CXESG
993,545120.0595,9586480.7406,19.2684,N931
994,545114.0390,9586480.3381,19.1443,CXESG
995,545118.2530,9586491.8154,19.1956,N930
996,545115.8207,9586491.5117,19.0941,N934
997,545110.9533,9586489.9597,19.0480,CXFO
998,545099.7488,9586492.4000,19.1685,N460
999,545098.5270,9586502.3524,19.1004,N452
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1002,545107.8820,9586513.8842,19.4652,N441
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1004,545107.5623,9586517.0856,19.4346,CXESG
1005,545106.7847,9586519.5841,19.4099,PTEL
1006,545106.4768,9586523.5461,19.5167,CXESG
1007,545106.6999,9586525.5676,19.4071,N431
1008,545096.9047,9586515.0302,19.3094,N438
1009,545096.2749,9586518.1871,19.3146,N430
1010,545105.9306,9586529.2483,19.4343,N429
1011,545105.8231,9586528.4989,19.4450,CXESG
1012,545105.7802,9586530.5273,19.4633,N427
1013,545093.5492,9586540.5918,19.3980,SN
1014,545094.0596,9586540.1909,19.3752,PTEL
1015,545037.6077,9586618.8232,19.9449,MURE
1016,545032.6086,9586617.7343,19.8978,PTEL
1017,545032.3754,9586617.6530,19.8873,CX
1018,545032.2440,9586617.9541,19.9113,CX
1019,545031.4141,9586617.5612,19.8836,CX
1020,545030.8344,9586615.3403,19.8604,PTEL
1021,545025.8941,9586617.0622,19.8532,MURE
1022,545026.0014,9586614.9586,19.9510,MURE
1023,545015.9623,9586613.4430,19.9139,MURE
1024,545015.0269,9586618.7206,19.3584,MURE
1025,545015.0491,9586611.6638,19.9569,MF
1026,545012.6348,9586614.4692,19.6938,MF

1027,545012.6047,9586614.4594,19.6168,CO
1028,545012.3013,9586614.4493,19.6446,CO
1029,545014.9011,9586611.7648,19.9124,CO
1030,545015.0483,9586611.3312,19.9233,CO
1031,545013.9097,9586613.3391,19.6570,CXFO
1032,545013.3629,9586617.3534,19.4362,SEMAF
1033,545013.2370,9586619.5981,19.3383,PTEL
1034,545010.0993,9586632.1890,18.8901,MF
1035,545009.9296,9586632.1758,18.7311,CO
1036,545020.6691,9586613.3641,19.7787,BOLE
1037,545018.9161,9586613.2833,19.8566,BOLE
1038,545018.8668,9586611.5562,19.8412,BOLE
1039,545019.3789,9586605.9254,20.0527,CO
1040,545019.4518,9586605.6552,20.0496,CO
1041,545019.5662,9586605.5351,20.0584,MF
1042,545018.6623,9586604.3194,20.0714,MF
1043,545018.5544,9586602.8759,20.1248,MF
1044,545020.2874,9586602.1537,20.1631,MF
1045,545020.5659,9586602.0531,20.1592,CO
1046,545020.5653,9586601.7207,20.1874,CO
1047,545019.6595,9586602.1326,20.1038,CO
1048,545019.4873,9586601.6701,20.1920,CO
1049,545018.2859,9586603.0274,20.0520,CO
1050,545018.5905,9586603.2761,20.0672,CO
1051,545039.5603,9586604.6222,20.2100,CO
1052,545039.5213,9586604.9562,20.1666,CO
1053,545039.6351,9586604.9414,20.2505,MF
1054,545039.2699,9586607.9852,20.1957,MF
1055,545039.2463,9586608.1028,20.1234,CO
1056,545039.2885,9586608.4090,20.1110,CO
1057,545038.3492,9586613.9955,19.9139,CO
1058,545038.3580,9586614.8104,19.8193,CO
1059,545038.2628,9586614.9008,19.9291,MF
1060,545038.2851,9586615.0063,19.8168,MFR
1061,545038.7740,9586615.3539,19.7767,PL
1062,545054.8777,9586617.8949,20.0527,PTEL
1063,545057.0035,9586618.1553,20.1268,PTEL
1064,545053.3023,9586617.2395,19.8959,MFR
1065,545054.9742,9586617.5352,20.0717,MF
1066,545059.7202,9586618.2540,20.0167,MF
1067,545059.9534,9586618.2582,19.9328,MFR
1068,545058.2646,9586618.1111,20.1016,MF
1069,545058.2986,9586617.9270,19.9045,CO
1070,545058.2742,9586617.6099,19.9896,CO
1071,545059.0577,9586611.9494,20.0829,CO
1072,545059.1532,9586611.2607,20.1206,CO
1073,545059.2033,9586611.1800,20.2270,MF
1074,545059.6587,9586608.1162,20.3354,MF
1075,545059.6837,9586607.9619,20.2009,CO
1076,545059.6893,9586607.4159,20.2393,CO
1077,545081.5586,9586610.6985,20.2801,CO
1078,545081.4566,9586610.9631,20.2761,CO
1079,545080.1044,9586613.9879,20.2632,MF
1080,545080.9642,9586612.9482,20.2499,MF



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1081,545080.1034,9586613.9814,20.2116,CO
1082,545080.1789,9586614.2593,20.2369,CO
1083,545081.5209,9586612.9114,20.2225,CO
1084,545081.3336,9586612.8433,20.1747,CO
1085,545081.5419,9586621.1477,19.9844,CO
1086,545081.5354,9586621.3537,19.9326,CO
1087,545081.4905,9586621.5447,20.1072,MF
1088,545081.8635,9586622.1204,20.0875,MF
1089,545082.0578,9586622.2949,19.9000,CO
1090,545082.3171,9586622.3186,19.8700,CO
1091,545090.5159,9586623.5907,19.9298,CO
1092,545090.3733,9586623.5519,19.9283,CO
1093,545090.8468,9586623.5920,19.8845,CO
1094,545047.2051,9586609.0947,20.2182,PL
1095,545075.3975,9586620.4614,20.0096,MFR
1096,545075.6038,9586620.5002,20.0539,MF
1097,545080.5024,9586635.7233,19.0810,EDIF
1098,545080.6972,9586635.7257,19.0863,MF
1099,545080.7848,9586635.7163,18.9249,CO
1100,545081.1425,9586635.6951,18.9908,CO
1101,545088.2099,9586636.4349,19.1618,CO
1102,545088.9894,9586636.3957,19.1832,CO
1103,545089.1234,9586636.4376,19.2206,MF
1104,545088.2330,9586629.6709,19.5310,PV
1105,545091.1979,9586623.9815,20.1041,MF
1106,545091.8972,9586623.1821,20.1327,MF
1107,545091.8658,9586623.0336,20.0319,CO
1108,545091.8012,9586622.7478,20.0585,CO
1109,545091.9607,9586623.6351,20.2029,PL
1110,545093.4632,9586623.2643,19.9825,BOLE
1111,545092.9050,9586623.1630,20.0177,BOLE
1112,545093.8646,9586622.2989,20.0309,BOLE
1113,545094.7561,9586624.3838,20.2115,CXESG
1114,545089.2957,9586623.7043,19.9165,PV
1115,545112.8428,9586625.9822,20.1802,MF
1116,545112.8344,9586625.9497,20.1214,CO
1117,545112.8819,9586625.5223,20.1949,CO
1118,545113.5568,9586619.9353,20.3285,CO
1119,545113.6829,9586619.2230,20.3609,CO
1120,545113.7129,9586619.0525,20.4376,MF
1121,545114.2566,9586615.9712,20.5068,MF
1122,545114.2720,9586615.9087,20.3805,CO
1123,545114.3207,9586615.5895,20.4264,CO
1124,545096.9024,9586612.8645,20.3845,CO
1125,545096.9271,9586613.2827,20.3401,CO
1126,545096.9278,9586613.2817,20.4250,MF
1127,545096.4044,9586616.2040,20.3543,MF
1128,545096.3281,9586616.2924,20.2690,CO
1129,545096.2161,9586616.7890,20.2435,CO
1130,545097.4397,9586614.4397,20.4051,PL
1131,545098.5075,9586602.2518,20.7155,CO
1132,545098.6597,9586601.9047,20.7155,CO
1133,545098.6441,9586601.8138,20.8021,MF
1134,545098.9467,9586598.6031,20.8040,MF

1135,545098.9534,9586598.5038,20.7319,CO
1136,545099.0347,9586598.0319,20.7173,CO
1137,545100.5128,9586599.1548,20.8056,SEMAF
1138,545102.6006,9586587.1056,20.4176,SEMAF
1139,545102.7717,9586584.9305,20.3847,SEMAF
1140,545101.3589,9586584.0256,20.3639,MF
1141,545101.1797,9586585.1651,20.3648,MF
1142,545102.0889,9586586.8628,20.4112,MF
1143,545102.0759,9586587.1987,20.3461,CO
1144,545102.1261,9586587.6730,20.3913,CO
1145,545101.1050,9586585.4433,20.3009,CO
1146,545100.6062,9586585.5614,20.2980,CO
1147,545101.2659,9586583.8248,20.2612,CO
1148,545101.2198,9586583.5194,20.2602,CO
1149,545100.6626,9586578.2847,20.0599,BOLE
1150,545099.6461,9586577.9309,20.0921,BOLE
1151,545099.5545,9586577.1329,20.0285,BOLE
1152,545085.3973,9586581.3324,20.1459,CO
1153,545085.3567,9586581.6047,20.1853,CO
1154,545085.3933,9586581.6996,20.2298,MF
1155,545084.9930,9586582.2397,20.2351,PL
1156,545084.9617,9586584.6503,20.3675,MF
1157,545084.9688,9586584.6967,20.2504,CO
1158,545084.9580,9586585.1652,20.3122,CO
1159,545083.9518,9586595.7826,20.6651,CO
1160,545083.8838,9586596.0986,20.6688,CO
1161,545083.8266,9586596.1984,20.6885,MF
1162,545083.7442,9586597.9413,20.7073,MF
1163,545082.5935,9586599.3488,20.7191,MF
1164,545082.3900,9586599.4652,20.6463,CO
1165,545082.3214,9586599.8674,20.6403,CO
1166,545083.8909,9586598.1452,20.6287,CO
1167,545083.6149,9586598.0736,20.6575,CO
1168,545083.1987,9586598.0933,20.7018,SEMAF
1169,545080.2338,9586611.1878,20.3320,SEMAF
1170,545079.7093,9586613.3713,20.2375,SEMAF
1171,545081.4297,9586611.1303,20.3640,MF
1172,545081.0065,9586621.9985,20.1027,PL
1173,545080.7389,9586622.7175,20.1664,CXFO
1174,545080.7390,9586623.2530,20.1452,CXFO
1175,545079.8345,9586623.2349,20.1521,CXFO
1176,545079.8824,9586623.4411,20.1424,PL
1177,545080.5585,9586624.3730,20.1675,PL
1178,545081.4979,9586624.4800,20.1817,PTL
1179,545079.5748,9586621.9331,20.0918,PTL
1180,545039.3474,9586615.6224,19.7786,CO
1181,545038.8639,9586619.0077,19.6305,CO
1182,545038.6543,9586622.7245,19.4599,CO
1183,545038.2200,9586625.0209,19.3452,CO
1184,545037.9718,9586628.3706,19.3837,CO
1185,545037.4608,9586632.3173,19.4234,CO
1186,545053.7294,9586619.1168,19.9661,MF
1187,545058.1802,9586619.7373,19.9529,MF
1188,545059.6664,9586618.3296,20.0076,MF



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1189,545075.5563,9586622.1269,20.0078,MF
1190,545081.2110,9586625.4372,20.2048,MF
1191,545075.8899,9586624.6118,19.5775,PL
1192,545052.7633,9586618.8872,19.8100,CO
1193,545052.9384,9586617.1879,19.8848,CO
1194,545052.3545,9586621.6563,19.5708,CO
1195,545051.8443,9586625.3355,19.4789,CO
1196,545051.2396,9586629.1737,19.3577,CO

1197,546044.4659,9586491.9119,13.0687,C030
1198,546052.4308,9586483.0759,13.2700,MF
1199,545805.0415,9586516.5694,21.6050,MF
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1201,545497.1827,9586534.3383,22.2580,EDIF
1202,545495.6470,9586531.7156,22.2450,EDIF
1203,545369.2877,9586528.5860,22.4368,EDIF