

BARRAGEM MELANCIA

MÓDULO II – ESTUDOS BÁSICOS, ANTEPROJETOS E AVALIAÇÕES

VOLUME I – ESTUDOS BÁSICOS

TOMO 3 – ESTUDOS CARTOGRÁFICOS

ESTUDOS TOPOGRÁFICOS - EIXO BARRÁVEL E SANGRADOURO

RELATÓRIO TÉCNICO

EDITADO EM MARÇO DE 2006

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APRESENTAÇÃO

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O consórcio KL - Serviços de Engenharia S/S Ltda, MABE – Infra-Estrutura e Serviços Ltda e ENERCONSULT S/A, no âmbito do contrato Nº11/PROGERIRH/CE/SRH/2003 do Programa de Gerenciamento e Integração dos Recursos Hídricos do Estado do Ceará – PROGERIRH tem por finalidade a Elaboração dos Estudos de Viabilidades Técnicas, Ambientais, Econômicas, Eias - Rimas, Projetos Executivos, Levantamentos Cadastrais e Planos de Reassentamentos de Populações, Manuais de Operação e Manutenção e Avaliação Financeira e Econômica referentes às Barragens: Mamoeiro, Riacho do Meio, Melancia, Jucá e Jatobá e Adutoras de Antonina do Norte, Granjeiro, Croatá e Ipueiras.

Os estudos desenvolvidos, em atendimento aos Termos de Referência, são constituídos por atividades multidisciplinares que permitem a elaboração de relatórios específicos organizados em Módulos, Volumes e Tomos. As partes e tomos que compõem o acervo do contrato são apresentados na seqüência:

Módulo I: Estudos de Alternativas de Localização das Barragens e Adutoras

VOLUME I: Estudo de Alternativas e Opções para a Localização dos Eixos Barráveis e Adutoras

Módulo II: Estudos Básicos, Anteprojetos e Avaliações

VOLUME I: Estudos Básicos

TOMO 1 – Relatório Geral - Textos

TOMO 2 – Estudos Hidrológicos

TOMO 3 – Estudos Cartográficos

TOMO 4 – Estudos Geológicos e Geotécnicos

TOMO 5 – Estudos Pedológicos

VOLUME II: Anteprojetos

TOMO 1 – Relatório de Concepção Geral

TOMO 1A – Desenhos e Plantas

TOMO 1B – Memória de Cálculo

VOLUME III: Avaliações Financeiras e Econômicas

TOMO 1 – Relatório de Avaliações Financeira e Econômica

Módulo III: Estudos dos Impactos no Meio Ambiente (EIA/RIMA)

VOLUME I: EIA

VOLUME II: RIMA

Módulo IV: Detalhamento do Projeto Executivo das Barragens

VOLUME I: Detalhamento do Projeto Executivo

TOMO 1 – Memorial Descritivo do Projeto

TOMO 2 – Desenhos do Projeto

TOMO 3 – Memória de Cálculo

TOMO 4 – Especificações Técnicas

TOMO 5 – Quantitativos e Orçamentos

TOMO 6 – Síntese

Módulo V: Levantamento Cadastral e Plano de Reassentamento

VOLUME I: Levantamento Cadastral

TOMO 1 – Relatório Geral

TOMO 2 – Laudos Individuais de Avaliação

TOMO 3 – Levantamentos Topográficos

VOLUME II: Plano de Reassentamento

TOMO 1 – Relatório Final de Reassentamento

Módulo VI: Projeto Executivo das Adutoras

VOLUME I: Estudos Básicos

TOMO 1 – Levantamentos Topográficos

TOMO 2 – Investigações Geotécnicas

VOLUME II: Anteprojeto

VOLUME III: Detalhamento do Projeto Executivo

TOMO 1 – Memorial Descritivo

TOMO 2 – Memória de Cálculo

TOMO 3 – Quantitativos e Orçamentos

TOMO 4 – Especificações Técnicas e Normas de Medições

Módulo VII: Elaboração dos Manuais de Operação e Manutenção

VOLUME I: Manuais de Operação e Manutenção

O presente relatório que trata da **Barragem Melancia**, aqui nomeado como Volume I – Estudos Básicos, Tomo 3A – Estudos Cartográficos (Estudos Topográficos – Eixo Barrável e Sangradouro), é parte integrante do Módulo II – Estudos Básicos, Anteprojetos e Avaliações.

1 – INTRODUÇÃO

1 - INTRODUÇÃO

O consórcio constituído pelas empresas KL – Serviços de Engenharia S/S Ltda, MABE – Infra-Estrutura e Serviços Ltda e ENERCONSULT S/A atendendo às atribuições do contrato Nº11/PROGERIRH/SRH/2003 vem apresentar os Estudos Topográficos da Barragem Melancia.

O relatório é desenvolvido a seguir abordando os seguintes tópicos:

- Levantamento do Eixo Barrável e do Sangradouro;
- Levantamento do Canal de Restituição;
- Coordenadas e Cotas;
- Serviços Executados;
- Anexos.

2 – LEVANTAMENTO DO EIXO BARRÁVEL E DO SANGRADOURO

2 - LEVANTAMENTO DO EIXO BARRÁVEL E DO SANGRADOURO

O eixo da barragem Melancia foi locado em um boqueirão com características topográficas favoráveis, onde o sangradouro foi pré-definido e estudado inicialmente em uma sela topográfica situada na ombreira esquerda, a cerca de 150,00 metros da estaca 00 do eixo da barragem.

Os levantamentos topográficos do eixo barrável e do sangradouro, foram executados através de locação de Estação Total, pelo método de coordenadas com identificação dos eixos: Este, Norte, elevação e descrição dos pontos identificados. Os serviços realizados foram: locação; implantação de marcos para futura relocação; nivelamento e levantamento de seções transversais.

A visualização destes serviços consta dos desenhos ilustrativos números 01, 02 e 03 apresentados no Anexo 5 – Desenhos.

2.1 - LOCAÇÃO DOS EIXOS E IMPLANTAÇÃO DE MARCOS

Utilizando-se GPS e a Estação Total descrita anteriormente, locou-se o eixo da barragem e do sangradouro, o qual foi materializado a cada 20 metros por pontos estaqueados e numerados, sendo também indicados através de estacas inteiras ou fracionadas todos os pontos notáveis tais como: talwegues, estradas, afloramentos rochosos, rede elétrica, elevações, mudanças bruscas de inclinação do terreno entre outros.

O eixo da barragem parte da estaca 00, localizada na ombreira esquerda, onde implantou-se o marco de concreto M-3. Para uma melhor locação do eixo se fez necessária uma deflexão de $04^{\circ} 13'$ à direita do marco de concreto ME-1, seguindo-se até a estaca 27+2,72, onde está implantado o marco de concreto M-4, onde se fez necessária outra deflexão de $164^{\circ} 18'$ seguindo-se daí até a estaca final 64+9,85, e no sentido oposto, partindo-se da estaca 00 até a estaca -07+8,15 metros no eixo do sangradouro, totalizando uma extensão de 1.438,00 metros.

O eixo do sangradouro partindo da estaca 00, da esquerda para a direita segue até à estaca 08+0,73; e no sentido oposto até a estaca -06, perfazendo um total de 280,73 metros de extensão.

O quadro a seguir apresenta a relação dos marcos implantados.

Marco	Estaca	Coordenadas UTM (m)	
		Este	Norte
M-3	00	475785.640	9591485.257
ME-1	-	476030.426	9592131.307
M-4	27+2,72	476013.323	9591977.699

2.2 - NIVELAMENTO

O levantamento altimétrico da barragem Melancia e o seu respectivo sangradouro, foi realizado utilizando-se GPS e Estação Total, onde foram niveladas todas as estacas do eixo materializado (ver Anexo 4 – Nivelamento Geométrico do Eixo Barrável). A partir deste levantamento, gerou-se o perfil longitudinal do terreno natural no eixo da barragem e do sangradouro (ver Desenhos 04 e 05 no Anexo 5 – Desenhos).

2.3 - LEVANTAMENTO DE SEÇÕES TRANSVERSAIS

Foram levantadas seções transversais ao eixo da barragem e do sangradouro a cada 20 metros abrangendo uma faixa de domínio com largura de 150 metros à montante e à jusante, e se constituíram de pontos cotados a cada 10 metros, considerando também os pontos de destaque do relevo topográfico.

Numa fase posterior, para um melhor desenvolvimento dos estudos, a faixa de domínio foi expandida à montante e à jusante, para cerca de 200 e 400 metros, respectivamente.

3 – LEVANTAMENTO DO CANAL DE RESTITUIÇÃO

3 - LEVANTAMENTO DO CANAL DE RESTITUIÇÃO

Assim como o eixo barrável e o sangradouro, o canal de restituição da barragem Melancia, foi levantado plani-altimetricamente através de Estação Total, pelo método de coordenadas com identificação dos eixos: Este, Norte, elevação e descrição dos pontos identificados. Os serviços topográficos executados no canal de restituição, foram os seguintes: locação; nivelamento e levantamento de seções transversais.

3.1 - LOCAÇÃO

Locou-se o canal de restituição utilizando-se Estação Total, o qual foi estaqueado e numerado a cada 50 metros, sendo também indicados através de estacas inteiras ou fracionadas todos os pontos notáveis do relevo.

A partir da estaca 04 do eixo do sangradouro, foi locada a poligonal do canal de restituição com 872,40 metros de extensão, acompanhando o talvegue à jusante que conduzirá o caudal de sangria até o Riacho da Melancia.

3.2 - NIVELAMENTO E LEVANTAMENTO DE SEÇÕES TRANSVERSAIS

Utilizando-se o mesmo equipamento citado no item anterior, realizou-se o levantamento altimétrico da poligonal do canal de restituição, através de seccionamento a cada 50 metros, com 100 metros de largura para cada lado, com pontos cotados a cada 10 metros. A partir desse levantamento foi elaborada uma planta baixa com curvas de nível do terreno natural a cada metro (ver Desenho 06 no Anexo 5 – Desenhos).

4 – COORDENADAS E COTAS

4 - COORDENADAS E COTAS

4.1 - COORDENADAS

Em relação às coordenadas utilizadas para o levantamento, estas foram fornecidas pela TOPOCART, empresa responsável pelos serviços cartográficos.

4.2 - COTAS

Também foram utilizadas cotas fornecidas pela TOPOCART, empresa responsável pelos serviços cartográficos.

5 – SERVIÇOS EXECUTADOS

5 – SERVIÇOS EXECUTADOS

Os serviços executados são descritos a seguir:

- ◆ Locação e Nivelamento do Eixo Barrável e do Sangradouro1,72 Km;
- ◆ Locação e Nivelamento da Poligonal do Canal de Sangria e da Calha do Rio.....0,87 Km;
- ◆ Seccionamento do Eixo Barrável e do Sangradouro.....46,66 Km;

As cadernetas de campo referente aos serviços acima citados estão apresentados nos Anexos 1, 2 e 3.

ANEXOS

**ANEXO 1 – CADERNETAS DE CAMPO – LOCAÇÃO E NIVELAMENTO DO EIXO
BARRÁVEL E DO SANGRADOURO**

Arquivo Colunado: C:\1111PASTA DE TRABALHOS\KL
 BARRAGENS\MELANCIA\melancia.geoPrograma de transferencia GDM

M3	9591452.000 475745.000 200.	POL	
M2	9591438.	475739. 200.	POL
M3	9591452.000 475745.000 200.000		
M2	9591438.000 475739.000 200.000		
M2A	9591437.401 475738.743 200.800	POL	
M3	9591452.000 475745.000 200.000		
M2A	9591437.401 475738.743 200.800		
E01	9591470.292 475752.905 198.314	POL	
E02	9591488.651 475760.838 197.564	POL	
E03	9591507.052 475768.789 195.979	POL	
E04	9591525.375 475776.707 194.803	POL	
E05	9591543.856 475784.694 193.949	POL	
E06	9591562.170 475792.609 192.678	POL	
E07	9591580.533 475800.542 191.503	POL	
E07	9591580.533 475800.542 191.503		
M3	9591452.000 475745.000 200.000		
E08	9591598.904 475808.481 189.215	POL	
E09	9591617.240 475816.403 187.563	POL	
E10	9591635.621 475824.347 184.822	POL	
E11	9591654.003 475832.291 184.288	POL	
E12	9591672.389 475840.236 184.504	POL	
E13	9591690.677 475848.139 183.276	POL	
E14	9591709.015 475856.064 181.641	POL	
E15	9591727.382 475864.002 181.130	POL	
E16	9591745.766 475871.942 180.385	POL	
E16	9591745.766 475871.942 180.385		
E07	9591580.533 475800.542 191.503		
001	9591712.017 475857.970 181.622	CE	
002	9591714.907 475851.616 181.749	CE	
003	9591708.448 475866.128 181.479	CE	
004	9591708.032 475865.213 181.605	BE	
005	9591704.607 475863.841 181.631	BE	
006	9591715.018 475849.255 181.946	BE	
007	9591711.576 475848.257 182.011	BE	
E17	9591764.176 475879.898 179.621	POL	
E18	9591782.507 475887.820 178.988	POL	
E19	9591800.880 475895.760 178.322	POL	
E20	9591819.192 475903.674 178.637	POL	
E22+1.69	9591857.472 475920.214 178.598	POL	
E22+1.69	9591857.472 475920.214 178.598		
E16	9591745.766 475871.942 180.385		
E22	9591855.819 475919.495 177.753	POL	
E21	9591837.466 475911.515 175.296	POL	
010	9591830.229 475910.307 176.136	RIO	
011	9591838.731 475912.557 175.239	RIO	
012	9591843.165 475914.050 175.861	RIO	
013	9591835.297 475927.591 175.271	RIO	
014	9591840.060 475901.205 175.295	RIO	
015	9591846.847 475888.441 175.457	RIO	
E23	9591874.378 475927.238 179.106	POL	
E24	9591892.825 475934.903 179.049	POL	
E25	9591911.290 475942.574 178.804	POL	
E26	9591929.773 475950.254 179.317	POL	
E27	9591948.299 475957.952 180.243	POL	
E27+2.72	9591950.583 475958.901 180.306	POL	
E27+2.72	9591950.583 475958.901 180.306		
E22+1.69	9591857.472 475920.214 178.598		
E28	9591967.725 475960.970 181.419	POL	
E29	9591987.629 475963.373 184.264	POL	

E30|9592007.467|475965.767|186.575|POL|
E31|9592027.286|475968.160|188.733|POL|
E32|9592047.204|475970.565|191.422|POL|
E33|9592067.015|475972.960|193.350|POL|
E33|9592067.015|475972.960|193.350|
E27+2.72|9591950.583|475958.901|180.306|
E34|9592086.890|475975.363|195.356|POL|
E35|9592106.764|475977.761|196.174|POL|
E35|9592106.764|475977.761|196.174|
E33|9592067.015|475972.960|193.350|
E36|9592126.630|475980.160|196.376|POL|
ME01|9592105.040|475971.876|196.397|MARCO|
E37|9592146.533|475982.564|195.520|POL|
E38|9592166.343|475984.957|195.474|POL|
E39|9592186.132|475987.346|195.403|POL|
E40|9592206.039|475989.750|195.497|POL|
E41|9592225.937|475992.154|195.925|POL|
E42|9592245.766|475994.553|196.235|POL|
E42|9592245.766|475994.553|196.235|
E35|9592106.764|475977.761|196.174|
E43|9592265.615|475996.951|196.768|POL|
E44|9592285.521|475999.356|197.120|POL|
E45|9592305.346|476001.751|197.121|POL|
E46|9592325.186|476004.148|197.666|POL|
E46|9592325.186|476004.148|197.666|
E42|9592245.766|475994.553|196.235|
E47|9592345.036|476006.546|197.265|POL|
E48|9592364.940|476008.950|196.602|POL|
E49|9592384.764|476011.345|195.964|POL|
E50|9592404.622|476013.744|194.853|POL|
E51|9592424.517|476016.146|194.217|POL|
015|9592441.122|476018.438|193.822|CE|
016|9592441.415|476017.314|193.734|CE|
017|9592441.640|476016.385|193.750|CE|
E52|9592444.331|476018.538|193.741|POL|
E53|9592464.131|476020.929|193.578|POL|
E54|9592484.052|476023.344|194.139|POL|
E54|9592484.052|476023.344|194.139|
E46|9592325.186|476004.148|197.666|
E55|9592503.964|476025.749|194.697|POL|
E56|9592523.758|476028.139|195.233|POL|
E57|9592543.639|476030.540|195.908|POL|
E58|9592563.545|476032.944|196.894|POL|
E59|9592583.319|476035.332|197.827|POL|
E60|9592603.230|476037.736|198.246|POL|
E61|9592623.053|476040.130|198.716|POL|
E62|9592642.900|476042.527|199.083|POL|
E63|9592662.771|476044.926|199.455|POL|
E64|9592682.666|476047.329|199.892|POL|
E64+10.00|9592692.499|476048.515|200.162|POL|
M0=E0S|9591245.602|475566.534|55.679|
M1S|9591401.469|475605.754|54.218|
E1S|9591264.950|475571.402|55.256|SAN|
E2S|9591284.354|475576.284|55.061|SAN|
E3S|9591303.751|475581.164|54.917|SAN|
E4S|9591323.158|475586.047|54.778|SAN|
E5S|9591342.559|475590.928|54.490|SAN|
E6S|9591362.000|475595.820|54.479|SAN|
E7S|9591381.381|475600.696|54.432|SAN|
E8S|9591400.766|475605.573|54.175|SAN|

**ANEXO 2 – CADERNETAS DE CAMPO – LOCAÇÃO E NIVELAMENTO DA
POLIGONAL DO CANAL DE SANGRIA E DA CALHA DO RIO**

M3|9591452.000|475745.000|55.470|
E7|9591580.533|475800.542|46.960|
G1|9591461.163|475723.283|55.694|P|
G1|9591461.163|475723.283|55.694|
M3|9591452.000|475745.000|55.470|
G2|9591486.656|475663.535|49.486|P|
G2|9591486.656|475663.535|49.486|
G1|9591461.163|475723.283|55.694|
G3|9591494.253|475645.777|48.743|P|
G3|9591494.253|475645.777|48.743|
G2|9591486.656|475663.535|49.486|
01|9591498.050|475636.984|48.377|CO|
02|9591501.935|475627.985|48.330|CO|
03|9591505.407|475619.782|48.198|CO|
04|9591508.833|475611.832|48.101|CO|
05|9591511.050|475606.911|48.238|CO|
G4|9591462.952|475623.687|50.299|P|
G4|9591462.952|475623.687|50.299|
G3|9591494.253|475645.777|48.743|
M1S|9591401.469|475605.754|54.218|SAN|
M1S|9591401.469|475605.754|54.218|
G4|9591462.952|475623.687|50.299|
M0=E0S|9591245.602|475566.534|55.679|SAN|
01|9591398.888|475616.139|54.347|CO|
02|9591396.311|475625.950|54.773|CO|
03|9591393.747|475635.146|54.866|CO|
04|9591391.761|475644.442|55.041|CO|
05|9591389.062|475654.066|55.195|CO|
06|9591386.898|475662.958|55.403|CO|
07|9591384.595|475672.246|55.800|CO|
08|9591382.507|475681.041|56.415|CO|
8D|9591380.126|475690.482|57.301|CO|
09|9591403.953|475595.286|54.267|CO|
10|9591406.539|475585.111|54.160|CO|
11|9591408.970|475575.215|54.044|CO|
12|9591411.710|475565.524|53.913|CO|
13|9591414.747|475552.796|53.589|CO|
14|9591416.232|475545.731|53.414|CO|
15|9591419.835|475532.786|52.830|CO|
16|9591423.733|475518.244|52.494|CO|
17|9591426.559|475506.472|52.302|CO|
18|9591429.160|475496.127|52.055|CO|
19|9591431.935|475485.657|51.810|CE|
20|9591434.573|475475.912|51.733|CO|
21|9591437.498|475465.354|51.517|CO|
22|9591438.318|475460.627|51.189|CO|
23|9591407.714|475622.298|54.593|CO|
24|9591413.320|475638.383|54.684|CO|
25|9591419.627|475654.560|54.403|CO|
26|9591425.110|475670.297|54.981|CO|
27|9591430.586|475685.613|56.299|CO|
28|9591436.191|475702.413|56.714|CO|
29|9591442.235|475718.826|56.683|CO|
30|9591448.339|475735.552|56.005|CO|
01|9591247.644|475556.762|55.511|CO|
02|9591250.126|475546.626|55.400|CO|
03|9591252.633|475536.562|55.281|CO|
04|9591255.768|475526.080|55.101|CO|
05|9591258.399|475515.611|54.618|CO|
06|9591261.296|475503.934|54.409|CO|
07|9591264.044|475492.539|54.140|CO|

08|9591266.780|475481.915|53.979|CO|
09|9591269.754|475471.920|53.640|CO|
10|9591271.002|475466.132|53.661|CE|
11|9591274.076|475454.524|53.016|CO|
12|9591276.700|475444.974|52.272|CO|
13|9591278.639|475436.954|51.787|CO|
14|9591280.784|475428.544|51.299|CO|
15|9591284.403|475414.848|50.629|CO|
16|9591243.343|475576.620|55.585|CO|
17|9591240.468|475587.770|55.530|CO|
18|9591237.811|475599.409|55.321|CO|
19|9591235.163|475610.823|54.678|CO|
20|9591232.957|475619.990|54.459|CO|
21|9591228.364|475638.359|53.329|CO|
22|9591224.824|475653.398|52.826|CO|
23|9591220.893|475669.114|52.140|CO|
24|9591217.270|475686.190|51.447|CO|
25|9591214.936|475696.048|51.029|CO|
26|9591213.513|475701.875|50.222|CO|
27|9591211.585|475709.453|49.630|CO|
28|9591210.194|475715.263|50.041|CO|
E1S|9591264.950|475571.402|55.256|
M0=E0S|9591245.602|475566.534|55.679|
01|9591267.330|475562.286|55.086|CO|
02|9591269.844|475552.445|54.905|CO|
03|9591272.529|475541.812|54.737|CO|
04|9591275.422|475529.829|54.531|CO|
05|9591278.441|475517.471|54.134|CO|
06|9591280.776|475508.135|53.924|CO|
07|9591283.999|475494.971|53.619|CO|
08|9591287.546|475480.538|53.281|CO|
09|9591290.320|475469.362|52.883|CE|
10|9591293.077|475458.539|52.434|CO|
11|9591295.686|475448.009|51.865|CO|
12|9591298.582|475437.031|51.196|CO|
13|9591301.393|475425.649|50.689|CO|
14|9591262.646|475580.985|55.215|CO|
15|9591259.491|475592.890|55.402|CO|
16|9591256.724|475604.215|55.168|CO|
17|9591252.993|475618.193|54.371|CO|
18|9591248.898|475635.850|53.382|CO|
19|9591244.982|475649.979|52.856|CO|
20|9591241.766|475663.029|52.332|CO|
21|9591238.360|475675.745|51.213|CO|
22|9591236.289|475686.058|51.283|CO|
23|9591233.570|475695.750|50.542|CO|
24|9591231.112|475705.983|50.457|CO|
25|9591227.794|475718.754|50.413|CO|
E2S|9591284.354|475576.284|55.061|
M0=E0S|9591245.602|475566.534|55.679|
01|9591286.935|475566.204|54.937|CO|
02|9591289.382|475556.921|54.677|CO|
03|9591291.643|475549.210|54.484|CO|
04|9591293.417|475539.964|54.239|CO|
05|9591295.926|475531.081|54.040|CO|
06|9591298.269|475521.471|53.876|CO|
07|9591300.613|475511.867|53.639|CO|
08|9591303.367|475501.847|53.569|CO|
09|9591305.934|475492.456|53.477|CO|
10|9591308.143|475482.567|53.004|CO|
11|9591310.448|475472.756|52.623|CO|

12|9591310.421|475472.756|52.624|CE|
13|9591313.094|475463.250|51.883|CO|
14|9591315.385|475453.077|51.313|CO|
15|9591318.077|475442.715|50.867|CO|
16|9591321.826|475428.240|50.830|CO|
17|9591281.681|475585.834|54.989|CO|
18|9591278.517|475598.517|55.210|CO|
19|9591275.773|475609.213|54.978|CO|
20|9591272.264|475624.149|54.075|CO|
21|9591268.477|475639.139|53.623|CO|
22|9591265.818|475650.099|53.228|CO|
23|9591262.420|475663.856|53.060|CO|
24|9591260.057|475673.697|52.741|CO|
25|9591256.529|475687.346|51.858|CO|
26|9591253.420|475698.794|51.396|CO|
27|9591251.185|475707.344|51.130|CO|
28|9591247.490|475721.356|50.839|CO|
E3S|9591303.751|475581.164|54.917|
M0=E0S|9591245.602|475566.534|55.679|
01|9591306.312|475571.873|54.689|CO|
02|9591308.777|475561.544|54.520|CO|
03|9591311.887|475549.456|54.224|CO|
04|9591314.864|475537.773|53.866|CO|
05|9591318.237|475525.022|53.529|CO|
06|9591321.899|475509.756|53.120|CO|
07|9591325.439|475494.018|52.818|CO|
08|9591327.294|475486.642|52.628|CO|
09|9591330.169|475475.481|52.418|CE|
10|9591332.744|475465.402|52.162|CO|
11|9591336.606|475449.822|51.869|CO|
12|9591340.119|475435.217|51.392|CO|
13|9591301.045|475591.385|54.883|CO|
14|9591297.032|475609.616|54.865|CO|
15|9591292.809|475627.028|54.633|CO|
16|9591289.493|475639.914|54.244|CO|
17|9591286.660|475651.420|54.045|CO|
18|9591283.653|475665.495|53.919|CO|
19|9591279.786|475680.895|53.404|CO|
20|9591276.103|475696.056|52.803|CO|
21|9591272.996|475709.722|52.194|CO|
22|9591271.646|475714.940|52.236|CO|
23|9591269.234|475725.391|51.765|CO|
E4S|9591323.158|475586.047|54.778|
M0=E0S|9591245.602|475566.534|55.679|
01|9591325.308|475577.389|54.424|CO|
02|9591327.617|475566.404|54.278|CO|
03|9591329.860|475557.666|54.121|CO|
04|9591332.203|475548.682|53.934|CO|
05|9591334.408|475539.413|53.974|CO|
06|9591336.871|475530.428|53.552|CO|
07|9591339.276|475520.959|53.315|CO|
08|9591341.374|475512.083|53.085|CO|
G6|9591343.536|475503.774|52.957|P|
01|9591320.390|475596.517|54.615|CO|
02|9591317.301|475608.924|54.939|CO|
03|9591314.037|475622.596|54.639|CO|
04|9591310.484|475637.459|54.464|CO|
05|9591307.770|475648.145|55.001|CO|
G7|9591305.301|475657.585|54.475|P|

**ANEXO 3 – CADERNETAS DE CAMPO – SECCIONAMENTO DO EIXO BARRÁVEL
E DO SANGRADOURO**

Arquivo Colunado: C:\1111PASTA DE TRABALHOS\KL
BARRAGENS\MELANCIA\Complemento\melanpaulo-16-01-04.geoPrograma de
transferencia GDM

A1|9591773.919|475806.744|39.254|POL|
E16|9591745.766|475871.942|35.842|POL|
A1|9591773.919|475806.744|39.254|
E16|9591745.766|475871.942|35.842|
SJ16|9591793.351|475761.743|38.226|POL|
SJ16|9591793.351|475761.743|38.226|
A1|9591773.919|475806.744|39.254|
01|9591789.631|475770.293|38.501|CO|
02|9591797.021|475753.297|37.819|CO|
03|9591798.539|475749.475|37.478|CE|
04|9591801.848|475742.284|37.276|CO|
05|9591805.496|475734.144|38.150|CO|
SJ15|9591774.923|475753.812|39.303|POL|
SJ17|9591811.835|475769.727|36.700|POL|
SJ18|9591829.998|475777.574|36.604|POL|
SJ17|9591811.835|475769.727|36.700|
SJ16|9591793.351|475761.743|38.226|
10|9591808.284|475778.034|36.689|CO|
11|9591815.232|475761.602|36.487|CO|
12|9591817.559|475756.965|36.688|CE|
13|9591819.943|475751.305|37.246|CO|
14|9591823.968|475742.188|38.128|CO|
SJ18|9591829.998|475777.574|36.604|
SJ17|9591811.835|475769.727|36.700|
20|9591825.536|475788.009|36.455|CO|
21|9591833.236|475769.970|36.938|CO|
22|9591837.105|475761.839|37.491|CE|
23|9591837.976|475759.445|37.534|CO|
24|9591842.312|475749.610|38.408|CO|
SJ19|9591848.512|475785.561|35.972|POL|
SJ20|9591866.894|475793.492|35.177|POL|
SJ19|9591848.512|475785.561|35.972|
SJ18|9591829.998|475777.574|36.604|
30|9591844.226|475795.292|35.798|CO|
31|9591852.124|475777.295|36.280|CO|
32|9591856.253|475767.664|37.451|CE|
33|9591860.513|475757.942|38.552|CO|
SJ20|9591866.894|475793.492|35.177|
SJ19|9591848.512|475785.561|35.972|
40|9591862.877|475802.684|34.735|CO|
41|9591871.434|475783.159|36.029|CO|
42|9591874.785|475775.015|37.075|CO|
43|9591875.603|475773.387|37.287|CE|
44|9591878.808|475765.789|38.145|CO|
SJ21|9591885.309|475801.448|34.623|POL|
SJ22|9591903.540|475809.324|35.344|POL|
SJ21|9591885.309|475801.448|34.623|
SJ20|9591866.894|475793.492|35.177|
50|9591881.156|475811.095|34.309|CO|
51|9591889.568|475791.473|35.119|CO|
52|9591893.266|475783.168|35.832|CO|
53|9591894.961|475779.247|36.177|CE|
54|9591897.264|475773.701|36.463|CO|
SJ22|9591903.540|475809.324|35.344|
SJ21|9591885.309|475801.448|34.623|
SJ22|9591903.540|475809.324|35.344|
SJ21|9591885.309|475801.448|34.623|

56|9591899.930|475817.478|35.275|CO|
57|9591907.688|475799.630|34.871|CO|
58|9591911.745|475790.367|35.082|CO|
59|9591913.737|475785.408|35.334|CE|
60|9591915.252|475781.889|35.630|CO|
SJ23|9591922.003|475817.272|34.547|POL|
62|9591928.505|475820.036|34.007|CE|
SJ24|9591940.397|475825.057|32.980|POL|
SJ23|9591922.003|475817.272|34.547|
SJ22|9591903.540|475809.324|35.344|
75|9591917.934|475826.937|33.925|CO|
76|9591925.055|475810.151|34.536|CO|
77|9591929.080|475800.662|34.625|CO|
78|9591933.235|475790.605|34.777|CE|
79|9591933.805|475789.321|34.751|CO|
SJ24|9591940.397|475825.057|32.980|
SJ23|9591922.003|475817.272|34.547|
85|9591936.348|475834.318|33.081|CO|
86|9591944.347|475815.873|32.505|CO|
87|9591948.434|475806.449|33.909|CO|
88|9591952.340|475797.305|33.793|CO|
SJ25|9591958.732|475833.060|33.818|POL|
SJ25|9591958.732|475833.060|33.818|
SJ24|9591940.397|475825.057|32.980|
90|9591954.811|475841.824|32.795|CO|
91|9591962.501|475824.165|33.998|CO|
92|9591966.212|475815.718|33.980|CO|
93|9591970.651|475805.424|33.655|CO|
SJ26|9591977.152|475841.017|31.973|POL|
SJ26|9591977.152|475841.017|31.973|
SJ25|9591958.732|475833.060|33.818|
100|9591973.437|475849.683|31.219|CO|
101|9591980.813|475832.394|32.525|CO|
102|9591984.776|475822.816|33.315|CO|
103|9591988.246|475815.281|33.461|CO|
104|9591989.190|475813.160|33.769|CO|
SJ27|9591995.565|475848.967|31.806|POL|
SJ27|9591995.565|475848.967|31.806|
SJ26|9591977.152|475841.017|31.973|
110|9591990.984|475859.490|30.949|CO|
111|9591999.672|475839.313|32.536|CO|
112|9592003.758|475829.877|32.632|CO|
113|9592007.771|475820.189|32.825|CO|
114|9592003.006|475837.889|32.570|SJ29G|
SJ15|9591774.923|475753.812|39.303|
SJ16|9591793.351|475761.743|38.226|
120|9591771.847|475761.049|39.615|CO|
121|9591778.008|475746.718|39.007|CO|
122|9591779.275|475743.694|38.864|CE|
123|9591782.525|475736.032|38.269|CO|
124|9591786.764|475726.279|37.842|CO|
SJ14|9591756.536|475745.845|40.125|POL|
SJ13|9591738.054|475737.886|40.205|POL|
SJ14|9591756.536|475745.845|40.125|
SJ15|9591774.923|475753.812|39.303|
120|9591752.496|475755.161|40.114|CO|
121|9591760.335|475739.009|40.014|CE|
122|9591762.883|475734.633|40.324|CE|
123|9591767.779|475724.621|38.123|CE|
124|9591770.974|475719.562|38.192|CE|

SJ13|9591738.054|475737.886|40.205|
SJ14|9591756.536|475745.845|40.125|
128|9591734.508|475746.021|40.298|CO|
129|9591740.074|475732.921|39.980|CE|
130|9591742.097|475728.081|39.357|CO|
131|9591745.171|475720.627|38.753|CO|
132|9591749.948|475710.279|38.829|CO|
132|9591734.098|475736.338|40.223|CE|
133|9591733.286|475735.962|40.044|BE|
134|9591730.068|475734.670|39.955|BE|
SJ12|9591719.630|475729.899|40.494|POL|
SJ11|9591701.263|475722.050|40.637|POL|
SJ12|9591719.630|475729.899|40.494|
SJ13|9591738.054|475737.886|40.205|
140|9591716.040|475738.162|40.926|CO|
141|9591721.910|475724.653|40.034|CO|
142|9591723.451|475721.153|39.047|CO|
143|9591724.938|475717.762|38.825|CO|
144|9591727.874|475711.036|39.237|CO|
145|9591731.529|475702.075|39.754|CO|
SJ11|9591701.263|475722.050|40.637|
SJ12|9591719.630|475729.899|40.494|
148|9591697.542|475730.630|40.971|CO|
149|9591704.756|475713.682|39.200|CO|
150|9591707.007|475708.528|39.603|CO|
151|9591709.088|475703.758|39.789|CO|
152|9591713.330|475694.224|40.293|CO|
SJ10|9591682.926|475714.124|41.492|POL|
SJ09|9591664.435|475706.100|41.503|POL|
SJ10|9591682.926|475714.124|41.492|
SJ11|9591701.263|475722.050|40.637|
160|9591679.304|475722.156|41.648|CO|
161|9591686.737|475705.077|40.601|CO|
162|9591690.101|475697.261|40.158|CO|
163|9591694.508|475686.501|40.786|CO|
SJ09|9591664.435|475706.100|41.503|
SJ10|9591682.926|475714.124|41.492|
170|9591659.972|475716.536|42.186|CO|
171|9591668.498|475696.959|40.862|CO|
172|9591673.656|475685.757|40.993|CO|
173|9591676.649|475678.785|41.447|CO|
SJ08|9591646.072|475698.226|42.081|POL|
SJ07|9591627.658|475690.331|42.517|POL|
SJ08|9591646.072|475698.226|42.081|
SJ09|9591664.435|475706.100|41.503|
185|9591642.102|475707.423|42.428|CO|
186|9591647.436|475693.983|41.032|CO|
187|9591649.952|475688.665|41.898|CO|
188|9591653.017|475680.890|41.295|CO|
189|9591653.591|475679.359|40.875|CO|
190|9591654.951|475676.241|41.420|CO|
191|9591657.374|475670.034|42.287|CO|
SJ07|9591627.658|475690.331|42.517|
SJ08|9591646.072|475698.226|42.081|
185|9591624.474|475697.547|43.003|CO|
186|9591629.156|475686.549|42.129|CO|
187|9591630.846|475682.524|43.060|CO|
188|9591631.657|475680.034|42.093|CO|
189|9591632.818|475678.112|42.813|CO|
190|9591636.164|475670.698|42.416|CO|

191|9591637.516|475667.933|41.436|CO|
192|9591639.179|475664.357|42.122|CO|
193|9591639.808|475662.640|42.408|CO|
SJ06|9591609.255|475682.352|43.572|POL|
SJ05|9591590.994|475674.434|44.292|POL|
SJ06|9591609.255|475682.352|43.572|
SJ07|9591627.658|475690.331|42.517|
195|9591604.691|475692.759|43.671|CO|
196|9591613.684|475672.045|43.520|CO|
197|9591617.091|475663.542|43.165|CO|
198|9591621.034|475654.765|43.431|CO|
SJ05|9591590.994|475674.434|44.292|
SJ06|9591609.255|475682.352|43.572|
205|9591586.681|475684.282|44.328|CO|
206|9591594.470|475666.399|44.107|CO|
207|9591598.033|475658.191|44.132|CO|
208|9591602.901|475646.874|43.991|CO|
SJ04|9591572.543|475666.445|44.841|CO|
SJ03|9591554.216|475658.509|45.390|POL|
SJ04|9591572.543|475666.445|44.841|
SJ05|9591590.994|475674.434|44.292|
205|9591568.486|475676.004|44.935|CO|
206|9591575.815|475658.795|44.807|CO|
207|9591579.310|475650.555|44.737|CO|
208|9591582.954|475642.631|44.823|CO|
209|9591584.749|475638.922|44.892|CO|
SJ03|9591554.216|475658.509|45.390|
SJ04|9591572.543|475666.445|44.841|
215|9591550.657|475666.674|45.745|CO|
216|9591557.553|475650.725|45.406|CO|
217|9591562.035|475640.345|45.473|CO|
218|9591566.230|475630.707|45.398|CO|
SJ02|9591535.894|475650.583|46.884|POL|
SJ01|9591517.546|475642.617|47.419|POL|
SJ02|9591535.894|475650.583|46.884|
SJ03|9591554.216|475658.509|45.390|
220|9591532.258|475658.948|46.909|CO|
221|9591539.082|475643.355|46.573|CO|
222|9591543.447|475633.438|46.151|CO|
223|9591547.539|475623.075|46.263|CO|
SJ01|9591517.546|475642.617|47.419|
SJ02|9591535.894|475650.583|46.884|
230|9591513.154|475652.728|47.739|CO|
231|9591520.440|475635.918|47.515|CO|
232|9591525.113|475625.436|47.237|CO|
233|9591529.548|475615.263|47.369|CO|
E7S|9591381.381|475600.696|54.432|POL|
E6S|9591362.000|475595.820|54.479|POL|
E7S|9591381.381|475600.696|54.432|
E6S|9591362.000|475595.820|54.479|
01|9591383.140|475592.453|54.386|CO|
02|9591386.011|475582.309|54.384|CO|
03|9591388.491|475573.092|54.199|CO|
04|9591390.833|475563.001|54.135|CO|
05|9591393.108|475553.097|53.610|CO|
06|9591395.594|475543.311|53.399|CO|
07|9591398.305|475532.912|53.082|CO|
08|9591401.032|475522.127|52.760|CO|
09|9591403.759|475511.310|52.544|CO|
10|9591406.297|475500.913|52.234|CO|

11|9591408.881|475490.441|52.212|CO|
12|9591410.335|475483.392|51.784|CE|
13|9591411.547|475478.808|51.688|CE|
14|9591413.934|475469.478|51.450|CE|
15|9591415.197|475463.927|51.298|CE|
16|9591417.879|475455.247|51.023|CE|
17|9591379.091|475609.769|54.538|CO|
18|9591376.845|475618.931|54.581|CO|
19|9591373.974|475630.809|54.619|CO|
20|9591371.604|475640.491|54.924|CO|
21|9591369.193|475650.306|55.020|CO|
22|9591366.701|475660.015|55.285|CO|
23|9591364.502|475669.544|55.064|CO|
24|9591362.206|475679.141|55.582|CO|
25|9591360.065|475687.985|56.651|CO|
26|9591357.654|475697.711|57.018|CO|
27|9591355.190|475708.092|56.856|CO|
28|9591353.113|475716.654|57.146|CO|
29|9591351.045|475725.745|57.353|CO|
30|9591348.684|475735.338|57.400|CO|
31|9591345.952|475746.552|57.286|CO|

CO	475823,4360	9592064,5408	33,679
CO	475814,9031	9592046,4525	34,431
CO	475806,3702	9592028,3641	34,021
CO	475797,8373	9592010,2757	34,806
CO	475789,3044	9591992,1873	35,576
CO	475780,7714	9591974,0990	36,495
CO	475772,2385	9591956,0106	37,545
CO	475763,7056	9591937,9222	38,565
CO	475755,1727	9591919,8338	40,035
CO	475746,6398	9591901,7455	40,238
CO	475738,1069	9591883,6571	40,719
CO	475729,5739	9591865,5687	41,166
CO	475721,0410	9591847,4803	41,544
CO	475712,5081	9591829,3920	41,642
CO	475703,9752	9591811,3036	41,941
CO	475695,4423	9591793,2152	42,398
CO	475686,9094	9591775,1268	42,988
CO	475678,3764	9591757,0385	43,623
CO	475669,8435	9591738,9501	44,246
CO	475661,3106	9591720,8617	44,931
CO	475652,7777	9591702,7733	45,561
CO	475644,2448	9591684,6850	46,213
CO	475635,7119	9591666,5966	46,754
CO	475627,1789	9591648,5082	47,054
CO	475618,6460	9591630,4198	47,549
CO	475610,1131	9591612,3315	48,054
CO	475601,5802	9591594,2431	48,540
CO	475597,3137	9591585,1989	48,811
CO	475864,2750	9592468,7094	40,456
CO	475861,3286	9592448,9276	40,303
CO	475858,3822	9592429,1459	40,429
CO	475855,4359	9592409,3641	40,726
CO	475852,4895	9592389,5823	40,522
CO	475849,5431	9592369,8005	39,736
CO	475846,5968	9592350,0187	38,820
CO	475843,6504	9592330,2369	38,145
CO	475840,7040	9592310,4552	37,636
CO	475837,7577	9592290,6734	37,347
CO	475834,8113	9592270,8916	36,976
CO	475831,8649	9592251,1098	37,003
CO	475828,9186	9592231,3280	37,306
CO	475825,9722	9592211,5462	37,007
CO	475823,0258	9592191,7645	36,274
CO	475820,0795	9592171,9827	35,973
CO	475817,1331	9592152,2009	36,241
CO	475814,1867	9592132,4191	35,867
CO	475811,2404	9592112,6373	35,316
CO	475808,2940	9592092,8555	33,499
CO	475805,3476	9592073,0738	32,494
CO	475796,8147	9592054,9854	34,110
CO	475788,2818	9592036,8970	34,073
CO	475779,7489	9592018,8086	34,761
CO	475771,2160	9592000,7203	35,436
CO	475762,6831	9591982,6319	36,091
CO	475754,1501	9591964,5435	36,940
CO	475745,6172	9591946,4551	37,712
CO	475737,0843	9591928,3668	38,909

CO	475728,5514	9591910,2784	40,158
CO	475720,0185	9591892,1900	40,690
CO	475711,4856	9591874,1016	41,254
CO	475702,9526	9591856,0133	41,803
CO	475694,4197	9591837,9249	42,266
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CO	475660,2881	9591765,5714	44,565
CO	475651,7551	9591747,4830	45,268
CO	475643,2222	9591729,3946	45,999
CO	475634,6893	9591711,3063	46,725
CO	475626,1564	9591693,2179	47,427
CO	475617,6235	9591675,1295	47,946
CO	475609,0906	9591657,0411	48,107
CO	475600,5576	9591638,9528	48,395
CO	475592,0247	9591620,8644	48,773
CO	475583,4918	9591602,7760	49,222
CO	475579,2254	9591593,7318	49,502
CO	475846,1866	9592477,2423	38,605
CO	475843,2402	9592457,4606	38,779
CO	475840,2939	9592437,6788	38,536
CO	475837,3475	9592417,8970	38,855
CO	475834,4011	9592398,1152	38,819
CO	475831,4548	9592378,3334	38,293
CO	475828,5084	9592358,5516	37,723
CO	475825,5620	9592338,7699	37,282
CO	475822,6157	9592318,9881	36,836
CO	475819,6693	9592299,2063	36,489
CO	475816,7229	9592279,4245	36,397
CO	475813,7766	9592259,6427	36,014
CO	475810,8302	9592239,8609	36,677
CO	475807,8838	9592220,0792	36,362
CO	475804,9375	9592200,2974	35,891
CO	475801,9911	9592180,5156	35,603
CO	475799,0447	9592160,7338	35,399
CO	475796,0984	9592140,9520	35,037
CO	475793,1520	9592121,1702	34,891
CO	475790,2056	9592101,3885	34,237
CO	475787,2593	9592081,6067	32,024
CO	475778,7264	9592063,5183	34,031
CO	475770,1934	9592045,4299	34,240
CO	475761,6605	9592027,3416	34,755
CO	475753,1276	9592009,2532	35,248
CO	475744,5947	9591991,1648	35,840
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CO	475727,5289	9591954,9881	37,490
CO	475718,9959	9591936,8997	38,504
CO	475710,4630	9591918,8113	39,719
CO	475701,9301	9591900,7229	40,496
CO	475693,3972	9591882,6346	41,129
CO	475684,8643	9591864,5462	41,703
CO	475676,3314	9591846,4578	42,301
CO	475667,7984	9591828,3694	43,006
CO	475659,2655	9591810,2810	43,809
CO	475650,7326	9591792,1927	44,607
CO	475642,1997	9591774,1043	45,392

CO	475633,6668	9591756,0159	46,159
CO	475625,1339	9591737,9275	46,990
CO	475616,6009	9591719,8392	47,846
CO	475608,0680	9591701,7508	48,420
CO	475599,5351	9591683,6624	48,781
CO	475591,0022	9591665,5740	49,000
CO	475582,4693	9591647,4857	49,264
CO	475573,9364	9591629,3973	49,487
CO	475565,4034	9591611,3089	49,870
CO	475561,1370	9591602,2647	50,071
CO	475828,0982	9592485,7753	36,714
CO	475825,1519	9592465,9935	36,853
CO	475822,2055	9592446,2117	36,749
CO	475819,2591	9592426,4299	36,813
CO	475816,3128	9592406,6481	37,063
CO	475813,3664	9592386,8663	36,908
CO	475810,4200	9592367,0846	36,654
CO	475807,4737	9592347,3028	36,372
CO	475804,5273	9592327,5210	36,174
CO	475801,5809	9592307,7392	35,934
CO	475798,6346	9592287,9574	35,703
CO	475795,6882	9592268,1756	35,642
CO	475792,7418	9592248,3939	35,796
CO	475789,7955	9592228,6121	35,833
CO	475786,8491	9592208,8303	35,633
CO	475783,9027	9592189,0485	35,411
CO	475780,9564	9592169,2667	35,123
CO	475778,0100	9592149,4849	34,783
CO	475775,0636	9592129,7032	34,442
CO	475772,1173	9592109,9214	34,118
CO	475769,1709	9592090,1396	32,251
CO	475760,6380	9592072,0512	32,803
CO	475752,1051	9592053,9628	34,193
CO	475743,5721	9592035,8745	34,466
CO	475735,0392	9592017,7861	35,056
CO	475726,5063	9591999,6977	35,679
CO	475717,9734	9591981,6093	36,420
CO	475709,4405	9591963,5210	37,243
CO	475700,9076	9591945,4326	38,119
CO	475692,3746	9591927,3442	39,357
CO	475683,8417	9591909,2558	40,277
CO	475675,3088	9591891,1675	40,780
CO	475666,7759	9591873,0791	41,163
CO	475658,2430	9591854,9907	41,887
CO	475649,7101	9591836,9023	42,944
CO	475641,1771	9591818,8140	44,070
CO	475632,6442	9591800,7256	45,122
CO	475624,1113	9591782,6372	46,096
CO	475615,5784	9591764,5488	46,984
CO	475607,0455	9591746,4605	47,866
CO	475598,5126	9591728,3721	48,630
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CO	475572,9138	9591674,1070	49,807
CO	475564,3809	9591656,0186	50,182
CO	475555,8480	9591637,9302	50,386
CO	475547,3151	9591619,8418	50,598

CO	475543,0486	9591610,7976	50,745
CO	475810,0098	9592494,3082	35,464
CO	475807,0635	9592474,5264	35,228
CO	475804,1171	9592454,7446	35,173
CO	475801,1707	9592434,9628	35,148
CO	475798,2244	9592415,1810	35,157
CO	475795,2780	9592395,3993	35,461
CO	475792,3316	9592375,6175	35,407
CO	475789,3853	9592355,8357	35,483
CO	475786,4389	9592336,0539	35,498
CO	475783,4925	9592316,2721	35,533
CO	475780,5462	9592296,4903	35,391
CO	475777,5998	9592276,7086	35,038
CO	475774,6535	9592256,9268	35,352
CO	475771,7071	9592237,1450	35,486
CO	475768,7607	9592217,3632	35,332
CO	475765,8144	9592197,5814	35,107
CO	475762,8680	9592177,7996	34,947
CO	475759,9216	9592158,0179	34,742
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CO	475754,0289	9592118,4543	34,038
CO	475751,0825	9592098,6725	32,338
CO	475742,5496	9592080,5841	32,854
CO	475734,0167	9592062,4958	34,199
CO	475725,4838	9592044,4074	34,529
CO	475716,9509	9592026,3190	34,902
CO	475708,4179	9592008,2306	35,493
CO	475699,8850	9591990,1423	36,077
CO	475691,3521	9591972,0539	37,015
CO	475682,8192	9591953,9655	38,067
CO	475674,2863	9591935,8771	38,881
CO	475665,7534	9591917,7888	39,748
CO	475657,2204	9591899,7004	40,185
CO	475648,6875	9591881,6120	40,442
CO	475640,1546	9591863,5236	41,652
CO	475631,6217	9591845,4353	42,947
CO	475623,0888	9591827,3469	44,134
CO	475614,5559	9591809,2585	45,315
CO	475606,0229	9591791,1701	46,523
CO	475597,4900	9591773,0818	47,721
CO	475588,9571	9591754,9934	48,639
CO	475580,4242	9591736,9050	49,447
CO	475571,8913	9591718,8166	49,990
CO	475563,3584	9591700,7283	50,402
CO	475554,8254	9591682,6399	50,921
CO	475546,2925	9591664,5515	51,473
CO	475537,7596	9591646,4631	51,579
CO	475529,2267	9591628,3747	51,467
CO	475524,9602	9591619,3306	51,543
CO	475791,9215	9592502,8411	34,168
CO	475788,9751	9592483,0593	34,294
CO	475786,0287	9592463,2775	34,179
CO	475783,0824	9592443,4957	34,083
CO	475780,1360	9592423,7140	34,024
CO	475777,1896	9592403,9322	34,058
CO	475774,2433	9592384,1504	34,319
CO	475771,2969	9592364,3686	34,548

CO	475768,3505	9592344,5868	34,767
CO	475765,4042	9592324,8050	34,993
CO	475762,4578	9592305,0233	35,081
CO	475759,5114	9592285,2415	35,022
CO	475756,5651	9592265,4597	35,015
CO	475753,6187	9592245,6779	35,128
CO	475750,6723	9592225,8961	35,034
CO	475747,7260	9592206,1143	34,894
CO	475744,7796	9592186,3326	34,777
CO	475741,8332	9592166,5508	34,627
CO	475738,8869	9592146,7690	34,439
CO	475735,9405	9592126,9872	34,129
CO	475732,9941	9592107,2054	33,100
CO	475724,4612	9592089,1171	32,032
CO	475715,9283	9592071,0287	34,229
CO	475707,3954	9592052,9403	34,563
CO	475698,8625	9592034,8519	34,879
CO	475690,3296	9592016,7636	35,306
CO	475681,7966	9591998,6752	35,785
CO	475673,2637	9591980,5868	36,620
CO	475664,7308	9591962,4984	37,793
CO	475656,1979	9591944,4101	38,383
CO	475647,6650	9591926,3217	38,787
CO	475639,1321	9591908,2333	39,220
CO	475630,5991	9591890,1449	40,008
CO	475622,0662	9591872,0565	41,525
CO	475613,5333	9591853,9682	42,815
CO	475605,0004	9591835,8798	44,025
CO	475596,4675	9591817,7914	45,274
CO	475587,9346	9591799,7030	46,603
CO	475579,4016	9591781,6147	48,055
CO	475570,8687	9591763,5263	49,142
CO	475562,3358	9591745,4379	50,160
CO	475553,8029	9591727,3495	50,898
CO	475545,2700	9591709,2612	51,612
CO	475536,7371	9591691,1728	52,227
CO	475528,2041	9591673,0844	52,576
CO	475519,6712	9591654,9960	52,549
CO	475511,1383	9591636,9077	52,427
CO	475506,8719	9591627,8635	52,354
CO	475773,8331	9592511,3740	34,013
CO	475770,8867	9592491,5922	33,931
CO	475767,9404	9592471,8104	33,765
CO	475764,9940	9592452,0287	33,953
CO	475762,0476	9592432,2469	34,032
CO	475759,1013	9592412,4651	34,022
CO	475756,1549	9592392,6833	34,055
CO	475753,2085	9592372,9015	34,021
CO	475750,2622	9592353,1197	34,106
CO	475747,3158	9592333,3380	34,372
CO	475744,3694	9592313,5562	34,605
CO	475741,4231	9592293,7744	34,698
CO	475738,4767	9592273,9926	34,754
CO	475735,5303	9592254,2108	34,806
CO	475732,5840	9592234,4290	34,825
CO	475729,6376	9592214,6473	34,744
CO	475726,6912	9592194,8655	34,614

CO	475723,7449	9592175,0837	34,464
CO	475720,7985	9592155,3019	34,313
CO	475717,8521	9592135,5201	34,164
CO	475714,9058	9592115,7383	32,977
CO	475706,3729	9592097,6500	32,511
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CO	475680,7741	9592043,3848	34,803
CO	475672,2412	9592025,2965	35,164
CO	475663,7083	9592007,2081	35,603
CO	475655,1754	9591989,1197	36,070
CO	475646,6424	9591971,0313	37,019
CO	475638,1095	9591952,9430	37,601
CO	475629,5766	9591934,8546	37,727
CO	475621,0437	9591916,7662	38,253
CO	475612,5108	9591898,6778	39,480
CO	475603,9779	9591880,5895	40,888
CO	475595,4449	9591862,5011	42,326
CO	475586,9120	9591844,4127	43,595
CO	475578,3791	9591826,3243	44,996
CO	475569,8462	9591808,2360	46,379
CO	475561,3133	9591790,1476	47,834
CO	475552,7804	9591772,0592	48,929
CO	475544,2474	9591753,9708	49,949
CO	475535,7145	9591735,8825	50,861
CO	475527,1816	9591717,7941	52,014
CO	475518,6487	9591699,7057	52,819
CO	475510,1158	9591681,6173	53,170
CO	475501,5829	9591663,5290	53,327
CO	475493,0499	9591645,4406	53,107
CO	475484,5170	9591627,3522	52,753
CO	475755,7447	9592519,9069	33,610
CO	475752,7984	9592500,1251	33,472
CO	475749,8520	9592480,3434	33,613
CO	475746,9056	9592460,5616	33,884
CO	475743,9593	9592440,7798	33,967
CO	475741,0129	9592420,9980	34,015
CO	475738,0665	9592401,2162	34,027
CO	475735,1202	9592381,4344	34,021
CO	475732,1738	9592361,6527	34,055
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CO	475726,2811	9592322,0891	34,058
CO	475723,3347	9592302,3073	34,316
CO	475720,3883	9592282,5255	34,392
CO	475717,4420	9592262,7437	34,474
CO	475714,4956	9592242,9620	34,516
CO	475711,5492	9592223,1802	34,557
CO	475708,6029	9592203,3984	34,451
CO	475705,6565	9592183,6166	34,315
CO	475702,7101	9592163,8348	34,202
CO	475699,7638	9592144,0530	34,088
CO	475696,8174	9592124,2713	33,230
CO	475688,2845	9592106,1829	32,372
CO	475679,7516	9592088,0945	34,246
CO	475671,2186	9592070,0061	34,548
CO	475662,6857	9592051,9178	34,791
CO	475654,1528	9592033,8294	34,963

CO	475645,6199	9592015,7410	35,307
CO	475637,0870	9591997,6526	35,734
CO	475628,5541	9591979,5643	36,254
CO	475620,0211	9591961,4759	36,604
CO	475611,4882	9591943,3875	37,020
CO	475602,9553	9591925,2991	38,035
CO	475594,4224	9591907,2108	39,126
CO	475585,8895	9591889,1224	40,180
CO	475577,3566	9591871,0340	41,548
CO	475568,8236	9591852,9456	42,972
CO	475560,2907	9591834,8573	44,473
CO	475551,7578	9591816,7689	45,875
CO	475543,2249	9591798,6805	47,144
CO	475534,6920	9591780,5921	48,063
CO	475526,1591	9591762,5038	48,867
CO	475517,6261	9591744,4154	49,816
CO	475509,0932	9591726,3270	50,971
CO	475500,5603	9591708,2386	52,104
CO	475492,0274	9591690,1503	53,351
CO	475483,4945	9591672,0619	54,013
CO	475474,9616	9591653,9735	53,640
CO	475466,4286	9591635,8851	53,250
CO	475737,6563	9592528,4398	33,016
CO	475734,7100	9592508,6581	33,220
CO	475731,7636	9592488,8763	33,491
CO	475728,8172	9592469,0945	33,762
CO	475725,8709	9592449,3127	33,892
CO	475722,9245	9592429,5309	33,999
CO	475719,9781	9592409,7491	34,012
CO	475717,0318	9592389,9674	34,055
CO	475714,0854	9592370,1856	34,044
CO	475711,1390	9592350,4038	33,757
CO	475708,1927	9592330,6220	33,606
CO	475705,2463	9592310,8402	34,013
CO	475702,2999	9592291,0584	34,033
CO	475699,3536	9592271,2767	34,143
CO	475696,4072	9592251,4949	34,232
CO	475693,4608	9592231,7131	34,354
CO	475690,5145	9592211,9313	34,388
CO	475687,5681	9592192,1495	34,307
CO	475684,6218	9592172,3677	34,197
CO	475681,6754	9592152,5860	34,086
CO	475678,7290	9592132,8042	33,377
CO	475670,1961	9592114,7158	32,336
CO	475661,6632	9592096,6274	34,269
CO	475653,1303	9592078,5391	34,348
CO	475644,5974	9592060,4507	34,441
CO	475636,0644	9592042,3623	34,684
CO	475627,5315	9592024,2739	35,071
CO	475618,9986	9592006,1856	35,607
CO	475610,4657	9591988,0972	36,015
CO	475601,9328	9591970,0088	36,323
CO	475593,3999	9591951,9204	37,100
CO	475584,8669	9591933,8321	38,231
CO	475576,3340	9591915,7437	39,344
CO	475567,8011	9591897,6553	40,233
CO	475559,2682	9591879,5669	41,306

CO	475550,7353	9591861,4785	42,446
CO	475542,2024	9591843,3902	43,816
CO	475533,6694	9591825,3018	45,160
CO	475525,1365	9591807,2134	46,254
CO	475516,6036	9591789,1250	47,032
CO	475508,0707	9591771,0367	47,773
CO	475499,5378	9591752,9483	48,727
CO	475491,0048	9591734,8599	49,878
CO	475482,4719	9591716,7715	51,024
CO	475473,9390	9591698,6832	52,372
CO	475465,4061	9591680,5948	54,097
CO	475456,8732	9591662,5064	54,022
CO	475448,3403	9591644,4180	53,431
CO	475719,5680	9592536,9728	33,021
CO	475716,6216	9592517,1910	33,099
CO	475713,6752	9592497,4092	33,369
CO	475710,7289	9592477,6274	33,640
CO	475707,7825	9592457,8456	33,818
CO	475704,8361	9592438,0638	33,924
CO	475701,8898	9592418,2821	34,023
CO	475698,9434	9592398,5003	34,015
CO	475695,9970	9592378,7185	34,018
CO	475693,0507	9592358,9367	33,871
CO	475690,1043	9592339,1549	33,658
CO	475687,1579	9592319,3731	33,878
CO	475684,2116	9592299,5914	34,011
CO	475681,2652	9592279,8096	34,027
CO	475678,3188	9592260,0278	34,116
CO	475675,3725	9592240,2460	34,232
CO	475672,4261	9592220,4642	34,277
CO	475669,4797	9592200,6824	34,226
CO	475666,5334	9592180,9007	34,152
CO	475663,5870	9592161,1189	34,062
CO	475660,6406	9592141,3371	32,284
CO	475652,1077	9592123,2487	33,020
CO	475643,5748	9592105,1603	34,009
CO	475635,0419	9592087,0720	34,031
CO	475626,5090	9592068,9836	34,159
CO	475617,9761	9592050,8952	34,555
CO	475609,4431	9592032,8068	35,007
CO	475600,9102	9592014,7185	35,705
CO	475592,3773	9591996,6301	36,467
CO	475583,8444	9591978,5417	37,419
CO	475575,3115	9591960,4533	38,275
CO	475566,7786	9591942,3650	39,244
CO	475558,2456	9591924,2766	40,169
CO	475549,7127	9591906,1882	40,770
CO	475541,1798	9591888,0998	40,813
CO	475532,6469	9591870,0115	41,544
CO	475524,1140	9591851,9231	42,869
CO	475515,5811	9591833,8347	44,232
CO	475507,0481	9591815,7463	45,198
CO	475498,5152	9591797,6580	46,111
CO	475489,9823	9591779,5696	46,713
CO	475481,4494	9591761,4812	47,269
CO	475472,9165	9591743,3928	47,875
CO	475464,3836	9591725,3045	48,703

CO	475455,8506	9591707,2161	50,747
CO	475447,3177	9591689,1277	53,426
CO	475438,7848	9591671,0393	54,038
CO	475430,2519	9591652,9510	53,351
CO	475701,4796	9592545,5057	33,015
CO	475698,5332	9592525,7239	33,023
CO	475695,5869	9592505,9421	33,248
CO	475692,6405	9592486,1603	33,519
CO	475689,6941	9592466,3785	33,743
CO	475686,7478	9592446,5968	33,850
CO	475683,8014	9592426,8150	33,956
CO	475680,8550	9592407,0332	34,015
CO	475677,9087	9592387,2514	34,022
CO	475674,9623	9592367,4696	33,984
CO	475672,0159	9592347,6878	34,024
CO	475669,0696	9592327,9061	34,055
CO	475666,1232	9592308,1243	34,040
CO	475663,1768	9592288,3425	34,033
CO	475660,2305	9592268,5607	34,038
CO	475657,2841	9592248,7789	34,111
CO	475654,3377	9592228,9971	34,162
CO	475651,3914	9592209,2154	34,131
CO	475648,4450	9592189,4336	34,066
CO	475645,4986	9592169,6518	34,012
CO	475642,5523	9592149,8700	32,029
CO	475634,0193	9592131,7816	34,015
CO	475625,4864	9592113,6933	34,025
CO	475616,9535	9592095,6049	33,994
CO	475608,4206	9592077,5165	34,014
CO	475599,8877	9592059,4281	34,227
CO	475591,3548	9592041,3398	34,711
CO	475582,8218	9592023,2514	35,895
CO	475574,2889	9592005,1630	37,364
CO	475565,7560	9591987,0746	38,253
CO	475557,2231	9591968,9863	39,008
CO	475548,6902	9591950,8979	39,766
CO	475540,1573	9591932,8095	40,197
CO	475531,6243	9591914,7211	40,146
CO	475523,0914	9591896,6328	39,419
CO	475514,5585	9591878,5444	40,205
CO	475506,0256	9591860,4560	41,673
CO	475497,4927	9591842,3676	43,016
CO	475488,9598	9591824,2793	44,275
CO	475480,4268	9591806,1909	45,047
CO	475471,8939	9591788,1025	45,391
CO	475463,3610	9591770,0141	45,621
CO	475454,8281	9591751,9258	46,406
CO	475446,2952	9591733,8374	47,503
CO	475437,7623	9591715,7490	49,827
CO	475429,2293	9591697,6606	52,167
CO	475420,6964	9591679,5723	52,757
CO	475412,1635	9591661,4839	52,292
CO	475407,8971	9591652,4397	51,969
CO	475683,3912	9592554,0386	32,850
CO	475680,4448	9592534,2568	32,753
CO	475677,4985	9592514,4750	33,075
CO	475674,5521	9592494,6932	33,395

CO	475671,6058	9592474,9115	33,668
CO	475668,6594	9592455,1297	33,775
CO	475665,7130	9592435,3479	33,881
CO	475662,7667	9592415,5661	33,988
CO	475659,8203	9592395,7843	34,055
CO	475656,8739	9592376,0025	34,330
CO	475653,9276	9592356,2208	34,388
CO	475650,9812	9592336,4390	34,257
CO	475648,0348	9592316,6572	34,015
CO	475645,0885	9592296,8754	34,025
CO	475642,1421	9592277,0936	34,055
CO	475639,1957	9592257,3118	34,032
CO	475636,2494	9592237,5301	34,044
CO	475633,3030	9592217,7483	34,021
CO	475630,3566	9592197,9665	33,122
CO	475627,4103	9592178,1847	32,012
CO	475624,4639	9592158,4029	33,332
CO	475615,9310	9592140,3146	34,017
CO	475607,3981	9592122,2262	33,872
CO	475598,8651	9592104,1378	33,991
CO	475590,3322	9592086,0494	33,981
CO	475581,7993	9592067,9611	34,009
CO	475573,2664	9592049,8727	35,229
CO	475564,7335	9592031,7843	36,502
CO	475556,2006	9592013,6959	37,766
CO	475547,6676	9591995,6076	38,373
CO	475539,1347	9591977,5192	38,772
CO	475530,6018	9591959,4308	39,250
CO	475522,0689	9591941,3424	39,406
CO	475513,5360	9591923,2540	39,020
CO	475505,0031	9591905,1657	38,166
CO	475496,4701	9591887,0773	38,752
CO	475487,9372	9591868,9889	40,561
CO	475479,4043	9591850,9005	41,913
CO	475470,8714	9591832,8122	43,115
CO	475462,3385	9591814,7238	43,938
CO	475453,8056	9591796,6354	44,220
CO	475445,2726	9591778,5470	44,449
CO	475436,7397	9591760,4587	45,260
CO	475428,2068	9591742,3703	46,236
CO	475419,6739	9591724,2819	48,579
CO	475411,1410	9591706,1935	50,628
CO	475402,6081	9591688,1052	50,832
CO	475394,0751	9591670,0168	50,507
CO	475389,8087	9591660,9726	50,121
CO	475665,3028	9592562,5715	32,974
CO	475662,3565	9592542,7897	32,784
CO	475659,4101	9592523,0079	32,960
CO	475656,4637	9592503,2262	33,250
CO	475653,5174	9592483,4444	33,537
CO	475650,5710	9592463,6626	33,703
CO	475647,6246	9592443,8808	33,848
CO	475644,6783	9592424,0990	33,992
CO	475641,7319	9592404,3172	34,354
CO	475638,7855	9592384,5355	34,706
CO	475635,8392	9592364,7537	34,800
CO	475632,8928	9592344,9719	34,679

CO	475629,9464	9592325,1901	34,124
CO	475627,0001	9592305,4083	34,015
CO	475624,0537	9592285,6265	33,804
CO	475621,1073	9592265,8448	32,351
CO	475618,1610	9592246,0630	32,338
CO	475615,2146	9592226,2812	32,211
CO	475612,2682	9592206,4994	32,012
CO	475609,3219	9592186,7176	32,702
CO	475606,3755	9592166,9358	32,156
CO	475597,8426	9592148,8475	33,327
CO	475589,3097	9592130,7591	33,451
CO	475580,7768	9592112,6707	34,016
CO	475572,2438	9592094,5823	34,022
CO	475563,7109	9592076,4940	34,391
CO	475555,1780	9592058,4056	35,701
CO	475546,6451	9592040,3172	36,452
CO	475538,1122	9592022,2288	37,073
CO	475529,5793	9592004,1405	37,538
CO	475521,0463	9591986,0521	38,086
CO	475512,5134	9591967,9637	38,306
CO	475503,9805	9591949,8753	38,439
CO	475495,4476	9591931,7870	38,030
CO	475486,9147	9591913,6986	36,388
CO	475478,3818	9591895,6102	38,526
CO	475469,8488	9591877,5218	39,834
CO	475461,3159	9591859,4335	41,016
CO	475452,7830	9591841,3451	42,080
CO	475444,2501	9591823,2567	42,657
CO	475435,7172	9591805,1683	42,537
CO	475427,1843	9591787,0800	43,047
CO	475418,6513	9591768,9916	43,871
CO	475410,1184	9591750,9032	44,510
CO	475401,5855	9591732,8148	46,934
CO	475393,0526	9591714,7265	48,568
CO	475384,5197	9591696,6381	48,105
CO	475375,9868	9591678,5497	48,215
CO	475371,7203	9591669,5055	47,998
CO	475647,2145	9592571,1044	33,015
CO	475644,2681	9592551,3226	33,021
CO	475641,3217	9592531,5409	33,012
CO	475638,3754	9592511,7591	33,215
CO	475635,4290	9592491,9773	33,465
CO	475632,4826	9592472,1955	33,714
CO	475629,5363	9592452,4137	33,922
CO	475626,5899	9592432,6319	34,185
CO	475623,6435	9592412,8502	34,556
CO	475620,6972	9592393,0684	34,981
CO	475617,7508	9592373,2866	35,000
CO	475614,8044	9592353,5048	35,058
CO	475611,8581	9592333,7230	34,570
CO	475608,9117	9592313,9412	33,369
CO	475605,9653	9592294,1595	31,009
CO	475603,0190	9592274,3777	31,022
CO	475600,0726	9592254,5959	32,176
CO	475597,1262	9592234,8141	33,370
CO	475594,1799	9592215,0323	34,036
CO	475591,2335	9592195,2505	34,127

CO	475588,2871	9592175,4688	33,902
CO	475579,7542	9592157,3804	32,136
CO	475571,2213	9592139,2920	33,109
CO	475562,6884	9592121,2036	33,862
CO	475554,1555	9592103,1153	34,009
CO	475545,6226	9592085,0269	34,022
CO	475537,0896	9592066,9385	34,551
CO	475528,5567	9592048,8501	35,677
CO	475520,0238	9592030,7618	35,911
CO	475511,4909	9592012,6734	35,829
CO	475502,9580	9591994,5850	36,764
CO	475494,4251	9591976,4966	36,768
CO	475485,8921	9591958,4083	36,997
CO	475477,3592	9591940,3199	36,580
CO	475468,8263	9591922,2315	35,591
CO	475460,2934	9591904,1431	37,481
CO	475451,7605	9591886,0548	38,650
CO	475443,2276	9591867,9664	40,335
CO	475434,6946	9591849,8780	41,453
CO	475426,1617	9591831,7896	41,369
CO	475417,6288	9591813,7013	40,843
CO	475409,0959	9591795,6129	41,292
CO	475400,5630	9591777,5245	41,867
CO	475392,0301	9591759,4361	42,693
CO	475383,4971	9591741,3478	44,627
CO	475374,9642	9591723,2594	45,813
CO	475366,4313	9591705,1710	43,863
CO	475357,8984	9591687,0826	44,788
CO	475353,6319	9591678,0384	44,913
CO	475629,1261	9592579,6373	33,015
CO	475626,1797	9592559,8556	33,022
CO	475623,2334	9592540,0738	33,037
CO	475620,2870	9592520,2920	33,139
CO	475617,3406	9592500,5102	33,382
CO	475614,3943	9592480,7284	33,630
CO	475611,4479	9592460,9466	33,879
CO	475608,5015	9592441,1649	34,177
CO	475605,5552	9592421,3831	34,505
CO	475602,6088	9592401,6013	34,737
CO	475599,6624	9592381,8195	34,857
CO	475596,7161	9592362,0377	34,999
CO	475593,7697	9592342,2559	34,572
CO	475590,8233	9592322,4742	32,740
CO	475587,8770	9592302,6924	31,292
CO	475584,9306	9592282,9106	34,012
CO	475581,9842	9592263,1288	34,440
CO	475579,0379	9592243,3470	35,014
CO	475576,0915	9592223,5652	35,070
CO	475573,1451	9592203,7835	35,013
CO	475570,1988	9592184,0017	34,265
CO	475561,6658	9592165,9133	33,174
CO	475553,1329	9592147,8249	32,477
CO	475544,6000	9592129,7366	33,117
CO	475536,0671	9592111,6482	33,448
CO	475527,5342	9592093,5598	33,413
CO	475519,0013	9592075,4714	33,717
CO	475510,4683	9592057,3831	34,595

CO	475501,9354	9592039,2947	34,368
CO	475493,4025	9592021,2063	34,466
CO	475484,8696	9592003,1179	35,117
CO	475476,3367	9591985,0296	34,735
CO	475467,8038	9591966,9412	35,135
CO	475459,2708	9591948,8528	34,358
CO	475450,7379	9591930,7644	35,065
CO	475442,2050	9591912,6760	36,133
CO	475433,6721	9591894,5877	37,848
CO	475425,1392	9591876,4993	39,673
CO	475416,6063	9591858,4109	40,784
CO	475408,0733	9591840,3225	40,015
CO	475399,5404	9591822,2342	38,336
CO	475391,0075	9591804,1458	38,795
CO	475382,4746	9591786,0574	39,614
CO	475373,9417	9591767,9690	41,307
CO	475365,4088	9591749,8807	41,735
CO	475356,8758	9591731,7923	41,799
CO	475348,3429	9591713,7039	40,670
CO	475339,8100	9591695,6155	40,913
CO	475331,2771	9591677,5272	41,482
CO	475611,0377	9592588,1703	33,013
CO	475608,0913	9592568,3885	33,024
CO	475605,1450	9592548,6067	33,055
CO	475602,1986	9592528,8249	33,046
CO	475599,2522	9592509,0431	33,292
CO	475596,3059	9592489,2613	33,534
CO	475593,3595	9592469,4796	33,777
CO	475590,4131	9592449,6978	34,012
CO	475587,4668	9592429,9160	34,272
CO	475584,5204	9592410,1342	34,406
CO	475581,5741	9592390,3524	34,541
CO	475578,6277	9592370,5706	34,509
CO	475575,6813	9592350,7889	34,444
CO	475572,7350	9592331,0071	32,925
CO	475569,7886	9592311,2253	32,591
CO	475566,8422	9592291,4435	33,955
CO	475563,8959	9592271,6617	33,962
CO	475560,9495	9592251,8799	35,087
CO	475558,0031	9592232,0982	35,372
CO	475555,0568	9592212,3164	35,336
CO	475552,1104	9592192,5346	34,860
CO	475543,5775	9592174,4462	34,140
CO	475535,0446	9592156,3578	33,477
CO	475526,5116	9592138,2695	33,498
CO	475517,9787	9592120,1811	33,480
CO	475509,4458	9592102,0927	34,002
CO	475500,9129	9592084,0043	33,014
CO	475492,3800	9592065,9160	33,047
CO	475483,8471	9592047,8276	33,545
CO	475475,3141	9592029,7392	34,283
CO	475466,7812	9592011,6508	34,301
CO	475458,2483	9591993,5625	34,144
CO	475449,7154	9591975,4741	34,280
CO	475441,1825	9591957,3857	34,676
CO	475432,6496	9591939,2973	34,612
CO	475424,1166	9591921,2090	35,595

CO	475415,5837	9591903,1206	36,672
CO	475407,0508	9591885,0322	38,641
CO	475398,5179	9591866,9438	39,438
CO	475389,9850	9591848,8555	36,496
CO	475381,4521	9591830,7671	36,011
CO	475372,9191	9591812,6787	36,427
CO	475364,3862	9591794,5903	37,826
CO	475355,8533	9591776,5020	39,645
CO	475347,3204	9591758,4136	38,083
CO	475338,7875	9591740,3252	38,045
CO	475330,2546	9591722,2368	38,368
CO	475321,7216	9591704,1485	38,694
CO	475313,1887	9591686,0601	39,398
CO	475592,9493	9592596,7032	32,741
CO	475590,0030	9592576,9214	32,672
CO	475587,0566	9592557,1396	33,014
CO	475584,1102	9592537,3578	33,022
CO	475581,1639	9592517,5760	33,161
CO	475578,2175	9592497,7943	33,373
CO	475575,2711	9592478,0125	33,585
CO	475572,3248	9592458,2307	33,797
CO	475569,3784	9592438,4489	33,987
CO	475566,4320	9592418,6671	34,099
CO	475563,4857	9592398,8853	34,257
CO	475560,5393	9592379,1036	34,252
CO	475557,5929	9592359,3218	34,123
CO	475554,6466	9592339,5400	32,541
CO	475551,7002	9592319,7582	32,803
CO	475548,7538	9592299,9764	33,921
CO	475545,8075	9592280,1946	33,890
CO	475542,8611	9592260,4129	35,126
CO	475539,9147	9592240,6311	35,637
CO	475536,9684	9592220,8493	35,776
CO	475534,0220	9592201,0675	35,375
CO	475525,4891	9592182,9791	34,884
CO	475516,9562	9592164,8908	34,636
CO	475508,4233	9592146,8024	34,507
CO	475499,8903	9592128,7140	34,263
CO	475491,3574	9592110,6256	34,602
CO	475482,8245	9592092,5373	34,038
CO	475474,2916	9592074,4489	34,996
CO	475465,7587	9592056,3605	35,077
CO	475457,2258	9592038,2721	35,055
CO	475448,6928	9592020,1838	35,201
CO	475440,1599	9592002,0954	35,390
CO	475431,6270	9591984,0070	35,779
CO	475423,0941	9591965,9186	35,487
CO	475414,5612	9591947,8303	35,012
CO	475406,0283	9591929,7419	35,472
CO	475397,4953	9591911,6535	35,984
CO	475388,9624	9591893,5651	37,581
CO	475380,4295	9591875,4768	38,703
CO	475371,8966	9591857,3884	37,758
CO	475363,3637	9591839,3000	36,552
CO	475354,8308	9591821,2116	37,095
CO	475346,2978	9591803,1233	37,017
CO	475337,7649	9591785,0349	37,022

CO	475329,2320	9591766,9465	37,561
CO	475320,6991	9591748,8581	38,072
CO	475312,1662	9591730,7698	38,022
CO	475303,6333	9591712,6814	38,014
CO	475295,1003	9591694,5930	38,035
CO	475290,8339	9591685,5488	38,044
CO	475574,8610	9592605,2361	32,011
CO	475571,9146	9592585,4543	32,548
CO	475568,9682	9592565,6725	33,062
CO	475566,0219	9592545,8907	33,085
CO	475563,0755	9592526,1090	33,009
CO	475560,1291	9592506,3272	33,115
CO	475557,1828	9592486,5454	33,327
CO	475554,2364	9592466,7636	33,539
CO	475551,2900	9592446,9818	33,651
CO	475548,3437	9592427,2000	33,921
CO	475545,3973	9592407,4183	34,014
CO	475542,4509	9592387,6365	34,035
CO	475539,5046	9592367,8547	34,055
CO	475536,5582	9592348,0729	32,561
CO	475533,6118	9592328,2911	31,870
CO	475530,6655	9592308,5093	34,009
CO	475527,7191	9592288,7276	34,025
CO	475524,7727	9592268,9458	34,944
CO	475521,8264	9592249,1640	35,809
CO	475518,8800	9592229,3822	36,015
CO	475515,9336	9592209,6004	36,027
CO	475507,4007	9592191,5121	36,092
CO	475498,8678	9592173,4237	35,902
CO	475490,3349	9592155,3353	35,339
CO	475481,8020	9592137,2469	35,008
CO	475473,2691	9592119,1586	35,313
CO	475464,7361	9592101,0702	36,037
CO	475456,2032	9592082,9818	36,303
CO	475447,6703	9592064,8934	36,330
CO	475439,1374	9592046,8051	36,079
CO	475430,6045	9592028,7167	36,099
CO	475422,0716	9592010,6283	36,756
CO	475413,5386	9591992,5399	37,634
CO	475405,0057	9591974,4516	36,490
CO	475396,4728	9591956,3632	34,108
CO	475387,9399	9591938,2748	35,228
CO	475379,4070	9591920,1864	35,600
CO	475370,8741	9591902,0980	35,996
CO	475362,3411	9591884,0097	35,897
CO	475353,8082	9591865,9213	35,921
CO	475345,2753	9591847,8329	39,000
CO	475336,7424	9591829,7445	38,577
CO	475328,2095	9591811,6562	38,097
CO	475319,6766	9591793,5678	38,579
CO	475311,1436	9591775,4794	38,973
CO	475302,6107	9591757,3910	39,310
CO	475294,0778	9591739,3027	39,640
CO	475285,5449	9591721,2143	39,295
CO	475277,0120	9591703,1259	38,856
CO	475272,7455	9591694,0817	39,006
CO	475556,7726	9592613,7690	33,011

CO	475553,8262	9592593,9872	33,035
CO	475550,8799	9592574,2054	33,220
CO	475547,9335	9592554,4237	33,218
CO	475544,9871	9592534,6419	33,009
CO	475542,0408	9592514,8601	33,028
CO	475539,0944	9592495,0783	33,068
CO	475536,1480	9592475,2965	33,280
CO	475533,2017	9592455,5147	33,359
CO	475530,2553	9592435,7330	33,372
CO	475527,3089	9592415,9512	34,017
CO	475524,3626	9592396,1694	34,038
CO	475521,4162	9592376,3876	34,048
CO	475518,4698	9592356,6058	31,656
CO	475515,5235	9592336,8240	32,245
CO	475512,5771	9592317,0423	34,025
CO	475509,6307	9592297,2605	34,014
CO	475506,6844	9592277,4787	35,058
CO	475503,7380	9592257,6969	35,721
CO	475500,7916	9592237,9151	36,008
CO	475497,8453	9592218,1333	36,201
CO	475489,3123	9592200,0450	36,553
CO	475480,7794	9592181,9566	36,486
CO	475472,2465	9592163,8682	36,263
CO	475463,7136	9592145,7798	35,522
CO	475455,1807	9592127,6915	35,786
CO	475446,6478	9592109,6031	36,656
CO	475438,1148	9592091,5147	36,978
CO	475429,5819	9592073,4263	37,154
CO	475421,0490	9592055,3380	37,194
CO	475412,5161	9592037,2496	37,813
CO	475403,9832	9592019,1612	38,150
CO	475395,4503	9592001,0728	38,702
CO	475386,9173	9591982,9845	38,052
CO	475378,3844	9591964,8961	36,453
CO	475369,8515	9591946,8077	34,007
CO	475361,3186	9591928,7193	35,013
CO	475352,7857	9591910,6310	35,107
CO	475344,2528	9591892,5426	35,040
CO	475335,7198	9591874,4542	38,009
CO	475327,1869	9591856,3658	39,027
CO	475318,6540	9591838,2775	38,611
CO	475310,1211	9591820,1891	38,643
CO	475301,5882	9591802,1007	39,347
CO	475293,0553	9591784,0123	40,011
CO	475284,5223	9591765,9240	40,086
CO	475275,9894	9591747,8356	40,102
CO	475267,4565	9591729,7472	39,923
CO	475258,9236	9591711,6588	39,443
CO	475250,3907	9591693,5705	39,039
CO	475538,6842	9592622,3019	32,925
CO	475535,7378	9592602,5201	33,012
CO	475532,7915	9592582,7384	33,110
CO	475529,8451	9592562,9566	33,341
CO	475526,8987	9592543,1748	33,106
CO	475523,9524	9592523,3930	33,009
CO	475521,0060	9592503,6112	33,015
CO	475518,0596	9592483,8294	33,021

CO	475515,1133	9592464,0477	33,075
CO	475512,1669	9592444,2659	32,272
CO	475509,2205	9592424,4841	33,028
CO	475506,2742	9592404,7023	33,997
CO	475503,3278	9592384,9205	32,423
CO	475500,3815	9592365,1387	31,133
CO	475497,4351	9592345,3570	34,013
CO	475494,4887	9592325,5752	34,032
CO	475491,5424	9592305,7934	34,008
CO	475488,5960	9592286,0116	34,276
CO	475485,6496	9592266,2298	35,201
CO	475482,7033	9592246,4480	35,905
CO	475479,7569	9592226,6663	36,494
CO	475471,2240	9592208,5779	36,931
CO	475462,6911	9592190,4895	37,117
CO	475454,1581	9592172,4011	37,079
CO	475445,6252	9592154,3128	36,804
CO	475437,0923	9592136,2244	36,014
CO	475428,5594	9592118,1360	37,349
CO	475420,0265	9592100,0476	37,942
CO	475411,4936	9592081,9593	38,070
CO	475402,9606	9592063,8709	38,533
CO	475394,4277	9592045,7825	39,231
CO	475385,8948	9592027,6941	39,728
CO	475377,3619	9592009,6058	39,893
CO	475368,8290	9591991,5174	38,843
CO	475360,2961	9591973,4290	37,489
CO	475351,7631	9591955,3406	35,854
CO	475343,2302	9591937,2523	35,830
CO	475334,6973	9591919,1639	36,441
CO	475326,1644	9591901,0755	36,377
CO	475317,6315	9591882,9871	36,017
CO	475309,0986	9591864,8988	36,535
CO	475300,5656	9591846,8104	37,288
CO	475292,0327	9591828,7220	38,492
CO	475283,4998	9591810,6336	39,576
CO	475274,9669	9591792,5453	40,085
CO	475266,4340	9591774,4569	40,232
CO	475257,9011	9591756,3685	40,308
CO	475249,3681	9591738,2801	40,195
CO	475240,8352	9591720,1917	40,141
CO	475232,3023	9591702,1034	40,027
CO	475520,5958	9592630,8348	31,009
CO	475517,6495	9592611,0531	31,024
CO	475514,7031	9592591,2713	31,493
CO	475511,7567	9592571,4895	31,780
CO	475508,8104	9592551,7077	33,033
CO	475505,8640	9592531,9259	33,015
CO	475502,9176	9592512,1441	32,788
CO	475499,9713	9592492,3624	32,329
CO	475497,0249	9592472,5806	31,006
CO	475494,0785	9592452,7988	31,186
CO	475491,1322	9592433,0170	31,261
CO	475488,1858	9592413,2352	31,009
CO	475485,2394	9592393,4534	31,015
CO	475482,2931	9592373,6717	32,700
CO	475479,3467	9592353,8899	34,010

CO	475476,4003	9592334,1081	34,440
CO	475473,4540	9592314,3263	34,865
CO	475470,5076	9592294,5445	35,010
CO	475467,5612	9592274,7627	35,011
CO	475464,6149	9592254,9810	36,072
CO	475461,6685	9592235,1992	36,760
CO	475453,1356	9592217,1108	37,323
CO	475444,6027	9592199,0224	37,626
CO	475436,0698	9592180,9341	37,696
CO	475427,5368	9592162,8457	37,375
CO	475419,0039	9592144,7573	36,995
CO	475410,4710	9592126,6689	37,103
CO	475401,9381	9592108,5806	38,359
CO	475393,4052	9592090,4922	38,916
CO	475384,8723	9592072,4038	39,530
CO	475376,3393	9592054,3154	40,242
CO	475367,8064	9592036,2271	40,838
CO	475359,2735	9592018,1387	41,018
CO	475350,7406	9592000,0503	41,009
CO	475342,2077	9591981,9619	39,801
CO	475333,6748	9591963,8735	37,440
CO	475325,1418	9591945,7852	37,199
CO	475316,6089	9591927,6968	37,694
CO	475308,0760	9591909,6084	39,808
CO	475299,5431	9591891,5200	38,950
CO	475291,0102	9591873,4317	37,481
CO	475282,4773	9591855,3433	37,740
CO	475273,9443	9591837,2549	38,466
CO	475265,4114	9591819,1665	39,322
CO	475256,8785	9591801,0782	40,020
CO	475248,3456	9591782,9898	40,155
CO	475239,8127	9591764,9014	40,405
CO	475231,2798	9591746,8130	40,594
CO	475222,7468	9591728,7247	40,557
CO	475214,2139	9591710,6363	40,496
CO	475502,5075	9592639,3678	32,009
CO	475499,5611	9592619,5860	31,907
CO	475496,6147	9592599,8042	31,842
CO	475493,6684	9592580,0224	31,536
CO	475490,7220	9592560,2406	31,346
CO	475487,7756	9592540,4588	31,015
CO	475484,8293	9592520,6771	31,009
CO	475481,8829	9592500,8953	31,673
CO	475478,9365	9592481,1135	31,775
CO	475475,9902	9592461,3317	32,368
CO	475473,0438	9592441,5499	33,002
CO	475470,0974	9592421,7681	33,150
CO	475467,1511	9592401,9864	33,634
CO	475464,2047	9592382,2046	34,120
CO	475461,2583	9592362,4228	34,584
CO	475458,3120	9592342,6410	35,241
CO	475455,3656	9592322,8592	35,782
CO	475452,4192	9592303,0774	36,088
CO	475449,4729	9592283,2957	36,337
CO	475446,5265	9592263,5139	36,511
CO	475443,5801	9592243,7321	37,144
CO	475435,0472	9592225,6437	37,755

CO	475426,5143	9592207,5553	38,128
CO	475417,9814	9592189,4670	38,342
CO	475409,4485	9592171,3786	38,211
CO	475400,9156	9592153,2902	38,117
CO	475392,3826	9592135,2018	38,248
CO	475383,8497	9592117,1135	39,074
CO	475375,3168	9592099,0251	39,602
CO	475366,7839	9592080,9367	40,258
CO	475358,2510	9592062,8483	41,108
CO	475349,7181	9592044,7600	41,827
CO	475341,1851	9592026,6716	42,117
CO	475332,6522	9592008,5832	41,657
CO	475324,1193	9591990,4948	40,674
CO	475315,5864	9591972,4065	38,896
CO	475307,0535	9591954,3181	38,692
CO	475298,5206	9591936,2297	39,713
CO	475289,9876	9591918,1413	40,354
CO	475281,4547	9591900,0530	38,723
CO	475272,9218	9591881,9646	39,529
CO	475264,3889	9591863,8762	40,035
CO	475255,8560	9591845,7878	38,105
CO	475247,3231	9591827,6995	38,679
CO	475238,7901	9591809,6111	39,336
CO	475230,2572	9591791,5227	39,848
CO	475221,7243	9591773,4343	40,334
CO	475213,1914	9591755,3460	40,910
CO	475204,6585	9591737,2576	40,984
CO	475196,1255	9591719,1692	41,042
CO	475484,4191	9592647,9007	33,015
CO	475481,4727	9592628,1189	32,799
CO	475478,5264	9592608,3371	32,404
CO	475475,5800	9592588,5553	32,476
CO	475472,6336	9592568,7735	32,771
CO	475469,6873	9592548,9918	33,615
CO	475466,7409	9592529,2100	33,012
CO	475463,7945	9592509,4282	33,371
CO	475460,8482	9592489,6464	33,873
CO	475457,9018	9592469,8646	34,012
CO	475454,9554	9592450,0828	34,015
CO	475452,0091	9592430,3011	33,812
CO	475449,0627	9592410,5193	34,130
CO	475446,1163	9592390,7375	35,033
CO	475443,1700	9592370,9557	35,502
CO	475440,2236	9592351,1739	35,965
CO	475437,2772	9592331,3921	36,445
CO	475434,3309	9592311,6104	36,979
CO	475431,3845	9592291,8286	37,261
CO	475428,4381	9592272,0468	37,474
CO	475425,4918	9592252,2650	37,725
CO	475416,9588	9592234,1766	38,261
CO	475408,4259	9592216,0883	38,672
CO	475399,8930	9592197,9999	38,965
CO	475391,3601	9592179,9115	39,056
CO	475382,8272	9592161,8231	38,938
CO	475374,2943	9592143,7348	39,070
CO	475365,7613	9592125,6464	39,634
CO	475357,2284	9592107,5580	40,219

CO	475348,6955	9592089,4696	40,811
CO	475340,1626	9592071,3813	41,645
CO	475331,6297	9592053,2929	43,009
CO	475323,0968	9592035,2045	43,012
CO	475314,5638	9592017,1161	42,769
CO	475306,0309	9591999,0278	42,037
CO	475297,4980	9591980,9394	41,063
CO	475288,9651	9591962,8510	40,686
CO	475280,4322	9591944,7626	41,008
CO	475271,8993	9591926,6743	39,306
CO	475263,3663	9591908,5859	40,726
CO	475254,8334	9591890,4975	41,544
CO	475246,3005	9591872,4091	41,201
CO	475237,7676	9591854,3208	40,255
CO	475229,2347	9591836,2324	39,324
CO	475220,7018	9591818,1440	39,014
CO	475212,1688	9591800,0556	39,384
CO	475203,6359	9591781,9673	40,358
CO	475195,1030	9591763,8789	41,011
CO	475186,5701	9591745,7905	41,192
CO	475178,0372	9591727,7021	41,459
CO	475466,3307	9592656,4336	33,157
CO	475463,3843	9592636,6518	33,012
CO	475460,4380	9592616,8700	32,904
CO	475457,4916	9592597,0882	33,109
CO	475454,5452	9592577,3065	33,009
CO	475451,5989	9592557,5247	33,015
CO	475448,6525	9592537,7429	33,149
CO	475445,7061	9592517,9611	33,527
CO	475442,7598	9592498,1793	33,782
CO	475439,8134	9592478,3975	33,967
CO	475436,8670	9592458,6158	34,216
CO	475433,9207	9592438,8340	34,524
CO	475430,9743	9592419,0522	34,850
CO	475428,0279	9592399,2704	35,586
CO	475425,0816	9592379,4886	36,170
CO	475422,1352	9592359,7068	36,648
CO	475419,1888	9592339,9251	37,212
CO	475416,2425	9592320,1433	37,966
CO	475413,2961	9592300,3615	38,491
CO	475410,3498	9592280,5797	38,648
CO	475407,4034	9592260,7979	38,671
CO	475398,8705	9592242,7096	39,030
CO	475390,3376	9592224,6212	39,280
CO	475381,8046	9592206,5328	39,544
CO	475373,2717	9592188,4444	39,552
CO	475364,7388	9592170,3561	39,504
CO	475356,2059	9592152,2677	39,639
CO	475347,6730	9592134,1793	40,134
CO	475339,1400	9592116,0909	40,786
CO	475330,6071	9592098,0026	41,306
CO	475322,0742	9592079,9142	41,872
CO	475313,5413	9592061,8258	42,770
CO	475305,0084	9592043,7374	43,362
CO	475296,4755	9592025,6491	43,642
CO	475287,9425	9592007,5607	43,250
CO	475279,4096	9591989,4723	42,999

CO	475270,8767	9591971,3839	42,355
CO	475262,3438	9591953,2955	41,892
CO	475253,8109	9591935,2072	41,556
CO	475245,2780	9591917,1188	42,421
CO	475236,7450	9591899,0304	42,628
CO	475228,2121	9591880,9420	42,200
CO	475219,6792	9591862,8537	41,221
CO	475211,1463	9591844,7653	40,638
CO	475202,6134	9591826,6769	40,177
CO	475194,0805	9591808,5885	39,333
CO	475185,5475	9591790,5002	39,073
CO	475177,0146	9591772,4118	40,642
CO	475168,4817	9591754,3234	41,221
CO	475159,9488	9591736,2350	41,684
CO	475448,2423	9592664,9665	33,147
CO	475445,2960	9592645,1847	33,012
CO	475442,3496	9592625,4029	33,027
CO	475439,4032	9592605,6212	33,281
CO	475436,4569	9592585,8394	33,098
CO	475433,5105	9592566,0576	33,118
CO	475430,5641	9592546,2758	33,339
CO	475427,6178	9592526,4940	33,699
CO	475424,6714	9592506,7122	34,049
CO	475421,7250	9592486,9305	34,378
CO	475418,7787	9592467,1487	34,629
CO	475415,8323	9592447,3669	35,086
CO	475412,8859	9592427,5851	35,546
CO	475409,9396	9592407,8033	36,280
CO	475406,9932	9592388,0215	36,919
CO	475404,0468	9592368,2398	37,394
CO	475401,1005	9592348,4580	37,727
CO	475398,1541	9592328,6762	38,724
CO	475395,2077	9592308,8944	39,285
CO	475392,2614	9592289,1126	39,436
CO	475389,3150	9592269,3309	39,470
CO	475380,7821	9592251,2425	39,748
CO	475372,2492	9592233,1541	40,011
CO	475363,7163	9592215,0657	40,155
CO	475355,1833	9592196,9773	40,057
CO	475346,6504	9592178,8890	40,062
CO	475338,1175	9592160,8006	40,253
CO	475329,5846	9592142,7122	40,612
CO	475321,0517	9592124,6238	41,155
CO	475312,5188	9592106,5355	41,822
CO	475303,9858	9592088,4471	42,215
CO	475295,4529	9592070,3587	42,832
CO	475286,9200	9592052,2703	43,619
CO	475278,3871	9592034,1820	44,011
CO	475269,8542	9592016,0936	44,033
CO	475261,3213	9591998,0052	43,725
CO	475252,7883	9591979,9168	43,150
CO	475244,2554	9591961,8285	42,395
CO	475235,7225	9591943,7401	42,087
CO	475227,1896	9591925,6517	43,068
CO	475218,6567	9591907,5633	43,128
CO	475210,1238	9591889,4750	42,657
CO	475201,5908	9591871,3866	42,039

CO	475193,0579	9591853,2982	41,706
CO	475184,5250	9591835,2098	41,065
CO	475175,9921	9591817,1215	40,164
CO	475167,4592	9591799,0331	39,871
CO	475158,9263	9591780,9447	40,078
CO	475150,3933	9591762,8563	41,204
CO	475141,8604	9591744,7680	41,829
CO	475430,1540	9592673,4994	33,009
CO	475427,2076	9592653,7176	33,015
CO	475424,2612	9592633,9359	33,022
CO	475421,3149	9592614,1541	33,042
CO	475418,3685	9592594,3723	33,029
CO	475415,4221	9592574,5905	33,370
CO	475412,4758	9592554,8087	33,707
CO	475409,5294	9592535,0269	33,903
CO	475406,5830	9592515,2452	34,214
CO	475403,6367	9592495,4634	34,632
CO	475400,6903	9592475,6816	34,993
CO	475397,7439	9592455,8998	35,646
CO	475394,7976	9592436,1180	36,172
CO	475391,8512	9592416,3362	36,684
CO	475388,9048	9592396,5545	37,685
CO	475385,9585	9592376,7727	38,474
CO	475383,0121	9592356,9909	39,034
CO	475380,0657	9592337,2091	39,062
CO	475377,1194	9592317,4273	39,572
CO	475374,1730	9592297,6455	39,902
CO	475371,2266	9592277,8638	40,099
CO	475362,6937	9592259,7754	40,469
CO	475354,1608	9592241,6870	40,689
CO	475345,6279	9592223,5986	40,836
CO	475337,0950	9592205,5103	40,685
CO	475328,5620	9592187,4219	40,775
CO	475320,0291	9592169,3335	41,053
CO	475311,4962	9592151,2451	41,252
CO	475302,9633	9592133,1568	41,610
CO	475294,4304	9592115,0684	42,215
CO	475285,8975	9592096,9800	42,633
CO	475277,3645	9592078,8916	43,092
CO	475268,8316	9592060,8033	43,687
CO	475260,2987	9592042,7149	44,035
CO	475251,7658	9592024,6265	44,205
CO	475243,2329	9592006,5381	44,154
CO	475234,7000	9591988,4498	43,654
CO	475226,1670	9591970,3614	42,904
CO	475217,6341	9591952,2730	42,453
CO	475209,1012	9591934,1846	43,129
CO	475200,5683	9591916,0963	43,234
CO	475192,0354	9591898,0079	42,973
CO	475183,5025	9591879,9195	42,557
CO	475174,9695	9591861,8311	42,144
CO	475166,4366	9591843,7428	41,514
CO	475157,9037	9591825,6544	40,914
CO	475149,3708	9591807,5660	40,507
CO	475140,8379	9591789,4776	40,252
CO	475132,3050	9591771,3892	40,011
CO	475123,7720	9591753,3009	41,775

CO	475412,0656	9592682,0323	33,009
CO	475409,1192	9592662,2506	32,911
CO	475406,1728	9592642,4688	33,009
CO	475403,2265	9592622,6870	32,970
CO	475400,2801	9592602,9052	33,127
CO	475397,3338	9592583,1234	33,527
CO	475394,3874	9592563,3416	33,857
CO	475391,4410	9592543,5599	34,203
CO	475388,4947	9592523,7781	34,545
CO	475385,5483	9592503,9963	34,855
CO	475382,6019	9592484,2145	35,412
CO	475379,6556	9592464,4327	36,157
CO	475376,7092	9592444,6509	36,757
CO	475373,7628	9592424,8692	37,351
CO	475370,8165	9592405,0874	38,230
CO	475367,8701	9592385,3056	39,175
CO	475364,9237	9592365,5238	39,957
CO	475361,9774	9592345,7420	40,297
CO	475359,0310	9592325,9602	40,295
CO	475356,0846	9592306,1785	40,522
CO	475353,1383	9592286,3967	40,765
CO	475344,6053	9592268,3083	41,210
CO	475336,0724	9592250,2199	41,417
CO	475327,5395	9592232,1316	41,563
CO	475319,0066	9592214,0432	41,500
CO	475310,4737	9592195,9548	41,564
CO	475301,9408	9592177,8664	41,703
CO	475293,4078	9592159,7781	41,997
CO	475284,8749	9592141,6897	42,226
CO	475276,3420	9592123,6013	42,611
CO	475267,8091	9592105,5129	43,076
CO	475259,2762	9592087,4246	43,665
CO	475250,7433	9592069,3362	44,154
CO	475242,2103	9592051,2478	44,525
CO	475233,6774	9592033,1594	44,672
CO	475225,1445	9592015,0710	44,382
CO	475216,6116	9591996,9827	44,020
CO	475208,0787	9591978,8943	43,356
CO	475199,5458	9591960,8059	43,008
CO	475191,0128	9591942,7175	43,015
CO	475182,4799	9591924,6292	43,022
CO	475173,9470	9591906,5408	43,018
CO	475165,4141	9591888,4524	42,744
CO	475156,8812	9591870,3640	42,347
CO	475148,3483	9591852,2757	42,002
CO	475139,8153	9591834,1873	41,462
CO	475131,2824	9591816,0989	41,080
CO	475122,7495	9591798,0105	40,656
CO	475114,2166	9591779,9222	40,000
CO	475105,6837	9591761,8338	41,528
CO	475393,9772	9592690,5653	33,009
CO	475391,0308	9592670,7835	33,036
CO	475388,0845	9592651,0017	33,024
CO	475385,1381	9592631,2199	32,987
CO	475382,1917	9592611,4381	33,036
CO	475379,2454	9592591,6563	33,573
CO	475376,2990	9592571,8746	34,045

CO	475373,3526	9592552,0928	34,539
CO	475370,4063	9592532,3110	34,966
CO	475367,4599	9592512,5292	35,356
CO	475364,5135	9592492,7474	35,861
CO	475361,5672	9592472,9656	36,620
CO	475358,6208	9592453,1839	37,254
CO	475355,6744	9592433,4021	37,854
CO	475352,7281	9592413,6203	38,800
CO	475349,7817	9592393,8385	39,730
CO	475346,8353	9592374,0567	40,890
CO	475343,8890	9592354,2749	41,676
CO	475340,9426	9592334,4932	41,286
CO	475337,9962	9592314,7114	41,546
CO	475335,0499	9592294,9296	41,613
CO	475326,5170	9592276,8412	42,038
CO	475317,9840	9592258,7528	42,171
CO	475309,4511	9592240,6645	42,350
CO	475300,9182	9592222,5761	42,409
CO	475292,3853	9592204,4877	42,384
CO	475283,8524	9592186,3993	42,497
CO	475275,3195	9592168,3110	42,778
CO	475266,7865	9592150,2226	42,954
CO	475258,2536	9592132,1342	43,398
CO	475249,7207	9592114,0458	44,208
CO	475241,1878	9592095,9575	44,767
CO	475232,6549	9592077,8691	45,086
CO	475224,1220	9592059,7807	45,042
CO	475215,5890	9592041,6923	44,946
CO	475207,0561	9592023,6040	44,568
CO	475198,5232	9592005,5156	44,195
CO	475189,9903	9591987,4272	43,750
CO	475181,4574	9591969,3388	43,442
CO	475172,9245	9591951,2505	43,332
CO	475164,3915	9591933,1621	43,306
CO	475155,8586	9591915,0737	43,237
CO	475147,3257	9591896,9853	42,984
CO	475138,7928	9591878,8970	42,645
CO	475130,2599	9591860,8086	42,357
CO	475121,7270	9591842,7202	42,032
CO	475113,1940	9591824,6318	41,562
CO	475104,6611	9591806,5435	41,141
CO	475096,1282	9591788,4551	40,007
CO	475087,5953	9591770,3667	41,209
CO	475375,8888	9592699,0982	32,899
CO	475372,9425	9592679,3164	33,145
CO	475369,9961	9592659,5346	33,017
CO	475367,0497	9592639,7528	33,068
CO	475364,1034	9592619,9710	33,432
CO	475361,1570	9592600,1893	33,733
CO	475358,2106	9592580,4075	34,270
CO	475355,2643	9592560,6257	34,872
CO	475352,3179	9592540,8439	35,448
CO	475349,3715	9592521,0621	35,834
CO	475346,4252	9592501,2803	36,328
CO	475343,4788	9592481,4986	37,056
CO	475340,5324	9592461,7168	37,739
CO	475337,5861	9592441,9350	38,253

CO	475334,6397	9592422,1532	39,037
CO	475331,6933	9592402,3714	39,970
CO	475328,7470	9592382,5896	41,326
CO	475325,8006	9592362,8079	42,162
CO	475322,8542	9592343,0261	42,154
CO	475319,9079	9592323,2443	42,365
CO	475316,9615	9592303,4625	42,674
CO	475308,4286	9592285,3741	42,939
CO	475299,8957	9592267,2858	43,023
CO	475291,3628	9592249,1974	43,014
CO	475282,8298	9592231,1090	43,018
CO	475274,2969	9592213,0206	43,082
CO	475265,7640	9592194,9323	43,205
CO	475257,2311	9592176,8439	43,392
CO	475248,6982	9592158,7555	43,806
CO	475240,1653	9592140,6671	44,518
CO	475231,6323	9592122,5788	45,142
CO	475223,0994	9592104,4904	45,431
CO	475214,5665	9592086,4020	45,461
CO	475206,0336	9592068,3136	45,395
CO	475197,5007	9592050,2253	45,116
CO	475188,9678	9592032,1369	44,778
CO	475180,4348	9592014,0485	44,457
CO	475171,9019	9591995,9601	44,134
CO	475163,3690	9591977,8718	43,923
CO	475154,8361	9591959,7834	43,730
CO	475146,3032	9591941,6950	43,630
CO	475137,7703	9591923,6066	43,409
CO	475129,2373	9591905,5183	43,271
CO	475120,7044	9591887,4299	43,036
CO	475112,1715	9591869,3415	42,745
CO	475103,6386	9591851,2531	42,294
CO	475095,1057	9591833,1648	41,916
CO	475086,5728	9591815,0764	41,419
CO	475078,0398	9591796,9880	40,616
CO	475069,5069	9591778,8996	41,322
CO	475357,8005	9592707,6311	33,009
CO	475354,8541	9592687,8493	33,177
CO	475351,9077	9592668,0675	33,046
CO	475348,9614	9592648,2857	33,216
CO	475346,0150	9592628,5040	33,874
CO	475343,0686	9592608,7222	34,310
CO	475340,1223	9592588,9404	34,563
CO	475337,1759	9592569,1586	35,156
CO	475334,2295	9592549,3768	35,981
CO	475331,2832	9592529,5950	36,322
CO	475328,3368	9592509,8133	36,721
CO	475325,3904	9592490,0315	37,416
CO	475322,4441	9592470,2497	38,264
CO	475319,4977	9592450,4679	39,047
CO	475316,5513	9592430,6861	39,415
CO	475313,6050	9592410,9043	40,157
CO	475310,6586	9592391,1226	40,653
CO	475307,7122	9592371,3408	42,100
CO	475304,7659	9592351,5590	42,603
CO	475301,8195	9592331,7772	42,958
CO	475298,8731	9592311,9954	43,243

CO	475290,3402	9592293,9071	43,314
CO	475281,8073	9592275,8187	43,005
CO	475273,2744	9592257,7303	43,078
CO	475264,7415	9592239,6419	43,222
CO	475256,2085	9592221,5536	43,367
CO	475247,6756	9592203,4652	43,475
CO	475239,1427	9592185,3768	43,748
CO	475230,6098	9592167,2884	44,355
CO	475222,0769	9592149,2001	45,078
CO	475213,5440	9592131,1117	45,368
CO	475205,0110	9592113,0233	45,592
CO	475196,4781	9592094,9349	45,804
CO	475187,9452	9592076,8466	45,748
CO	475179,4123	9592058,7582	45,436
CO	475170,8794	9592040,6698	45,118
CO	475162,3465	9592022,5814	44,838
CO	475153,8135	9592004,4930	44,504
CO	475145,2806	9591986,4047	44,302
CO	475136,7477	9591968,3163	44,046
CO	475128,2148	9591950,2279	43,828
CO	475119,6819	9591932,1395	43,702
CO	475111,1490	9591914,0512	43,604
CO	475102,6160	9591895,9628	43,366
CO	475094,0831	9591877,8744	43,000
CO	475085,5502	9591859,7860	42,593
CO	475077,0173	9591841,6977	42,239
CO	475068,4844	9591823,6093	41,821
CO	475059,9515	9591805,5209	41,257
CO	475051,4185	9591787,4325	41,162
CO	475219,3110	9591454,5320	42,128
CO	475224,7284	9591473,7843	41,008
CO	475230,1457	9591493,0366	42,332
CO	475235,5631	9591512,2890	43,015
CO	475240,9805	9591531,5413	44,583
CO	475246,3979	9591550,7936	44,803
CO	475251,8152	9591570,0459	43,950
CO	475257,2326	9591589,2983	43,014
CO	475262,6500	9591608,5506	42,005
CO	475268,0673	9591627,8029	40,837
CO	475273,4847	9591647,0552	39,757
CO	475278,9021	9591666,3076	38,328
CO	475281,6108	9591675,9337	38,201
CO	475200,0587	9591459,9493	42,563
CO	475205,4760	9591479,2017	42,051
CO	475210,8934	9591498,4540	41,011
CO	475216,3108	9591517,7063	43,002
CO	475221,7282	9591536,9587	44,267
CO	475227,1455	9591556,2110	44,176
CO	475232,5629	9591575,4633	43,686
CO	475237,9803	9591594,7156	42,748
CO	475243,3976	9591613,9680	41,628
CO	475248,8150	9591633,2203	39,980
CO	475254,2324	9591652,4726	38,660
CO	475259,6498	9591671,7249	39,013
CO	475262,3584	9591681,3511	39,022
CO	475180,8063	9591465,3667	43,067
CO	475186,2237	9591484,6190	42,440

CO	475191,6411	9591503,8714	41,691
CO	475197,0585	9591523,1237	41,313
CO	475202,4758	9591542,3760	43,316
CO	475207,8932	9591561,6284	44,013
CO	475213,3106	9591580,8807	43,366
CO	475218,7279	9591600,1330	42,453
CO	475224,1453	9591619,3853	41,369
CO	475229,5627	9591638,6377	39,909
CO	475234,9801	9591657,8900	39,204
CO	475240,3974	9591677,1423	39,009
CO	475243,1061	9591686,7685	39,082
CO	475161,5540	9591470,7841	43,212
CO	475166,9714	9591490,0364	42,402
CO	475172,3888	9591509,2887	41,441
CO	475177,8061	9591528,5411	40,349
CO	475183,2235	9591547,7934	42,374
CO	475188,6409	9591567,0457	43,196
CO	475194,0582	9591586,2981	42,773
CO	475199,4756	9591605,5504	41,962
CO	475204,8930	9591624,8027	41,046
CO	475210,3104	9591644,0550	39,867
CO	475215,7277	9591663,3074	39,199
CO	475221,1451	9591682,5597	39,445
CO	475223,8538	9591692,1858	39,866
CO	475142,3017	9591476,2015	42,987
CO	475147,7191	9591495,4538	42,234
CO	475153,1364	9591514,7061	41,290
CO	475158,5538	9591533,9584	40,393
CO	475163,9712	9591553,2108	41,114
CO	475169,3885	9591572,4631	42,219
CO	475174,8059	9591591,7154	42,074
CO	475180,2233	9591610,9677	41,461
CO	475185,6407	9591630,2201	40,477
CO	475191,0580	9591649,4724	39,453
CO	475196,4754	9591668,7247	39,011
CO	475201,8928	9591687,9771	40,356
CO	475204,6015	9591697,6032	40,577
CO	475123,0494	9591481,6188	42,377
CO	475128,4667	9591500,8712	41,618
CO	475133,8841	9591520,1235	40,119
CO	475139,3015	9591539,3758	40,344
CO	475144,7189	9591558,6281	40,014
CO	475150,1362	9591577,8805	40,929
CO	475155,5536	9591597,1328	41,312
CO	475160,9710	9591616,3851	40,756
CO	475166,3883	9591635,6374	39,375
CO	475171,8057	9591654,8898	39,403
CO	475177,2231	9591674,1421	40,576
CO	475182,6404	9591693,3944	41,010
CO	475185,3491	9591703,0206	41,153
CO	475103,7970	9591487,0362	41,658
CO	475109,2144	9591506,2885	41,185
CO	475114,6318	9591525,5409	41,020
CO	475120,0492	9591544,7932	40,307
CO	475125,4665	9591564,0455	40,304
CO	475130,8839	9591583,2978	40,008
CO	475136,3013	9591602,5502	40,280

CO	475141,7186	9591621,8025	39,338
CO	475147,1360	9591641,0548	39,329
CO	475152,5534	9591660,3071	39,677
CO	475157,9707	9591679,5595	40,741
CO	475163,3881	9591698,8118	41,157
CO	475166,0968	9591708,4380	41,302
CO	475084,5447	9591492,4536	41,302
CO	475089,9621	9591511,7059	41,013
CO	475095,3795	9591530,9582	41,086
CO	475100,7968	9591550,2106	41,150
CO	475106,2142	9591569,4629	40,866
CO	475111,6316	9591588,7152	40,009
CO	475117,0489	9591607,9675	39,584
CO	475122,4663	9591627,2199	39,047
CO	475127,8837	9591646,4722	40,008
CO	475133,3010	9591665,7245	40,104
CO	475138,7184	9591684,9768	40,678
CO	475144,1358	9591704,2292	41,322
CO	475146,8445	9591713,8553	41,511
CO	475065,2924	9591497,8709	42,041
CO	475070,7098	9591517,1233	41,989
CO	475076,1271	9591536,3756	41,878
CO	475081,5445	9591555,6279	41,828
CO	475086,9619	9591574,8802	41,522
CO	475092,3792	9591594,1326	40,141
CO	475097,7966	9591613,3849	39,657
CO	475103,2140	9591632,6372	40,011
CO	475108,6314	9591651,8896	40,595
CO	475114,0487	9591671,1419	40,760
CO	475119,4661	9591690,3942	41,197
CO	475124,8835	9591709,6465	41,662
CO	475130,3008	9591728,8989	42,009
CO	475133,0095	9591738,5250	42,012
CO	475046,0401	9591503,2883	43,903
CO	475051,4574	9591522,5406	43,617
CO	475056,8748	9591541,7930	43,119
CO	475062,2922	9591561,0453	42,911
CO	475067,7095	9591580,2976	42,410
CO	475073,1269	9591599,5499	41,657
CO	475078,5443	9591618,8023	41,247
CO	475083,9617	9591638,0546	41,007
CO	475089,3790	9591657,3069	41,023
CO	475094,7964	9591676,5593	41,127
CO	475100,2138	9591695,8116	42,190
CO	475105,6311	9591715,0639	42,359
CO	475111,0485	9591734,3162	42,075
CO	475113,7572	9591743,9424	42,008
CO	475026,7877	9591508,7057	45,756
CO	475032,2051	9591527,9580	45,104
CO	475037,6225	9591547,2103	44,362
CO	475043,0398	9591566,4627	43,762
CO	475048,4572	9591585,7150	43,240
CO	475053,8746	9591604,9673	42,682
CO	475059,2920	9591624,2196	41,949
CO	475064,7093	9591643,4720	41,772
CO	475070,1267	9591662,7243	41,798
CO	475075,5441	9591681,9766	42,027

CO	475080,9614	9591701,2290	42,561
CO	475086,3788	9591720,4813	42,823
CO	475091,7962	9591739,7336	42,347
CO	475094,5049	9591749,3598	42,108
CO	475007,5354	9591514,1231	46,742
CO	475012,9528	9591533,3754	46,023
CO	475018,3701	9591552,6277	45,087
CO	475023,7875	9591571,8800	44,464
CO	475029,2049	9591591,1324	43,879
CO	475034,6223	9591610,3847	43,036
CO	475040,0396	9591629,6370	42,009
CO	475045,4570	9591648,8893	42,485
CO	475050,8744	9591668,1417	42,510
CO	475056,2917	9591687,3940	42,608
CO	475061,7091	9591706,6463	42,908
CO	475067,1265	9591725,8986	42,863
CO	475072,5439	9591745,1510	42,358
CO	475075,2525	9591754,7771	42,107
CO	474988,2831	9591519,5404	47,465
CO	474993,7004	9591538,7927	46,666
CO	474999,1178	9591558,0451	45,885
CO	475004,5352	9591577,2974	45,269
CO	475009,9526	9591596,5497	44,379
CO	475015,3699	9591615,8021	43,945
CO	475020,7873	9591635,0544	43,284
CO	475026,2047	9591654,3067	43,541
CO	475031,6220	9591673,5590	43,289
CO	475037,0394	9591692,8114	43,232
CO	475042,4568	9591712,0637	43,140
CO	475047,8742	9591731,3160	42,956
CO	475053,2915	9591750,5683	42,576
CO	475056,0002	9591760,1945	42,307
CO	474969,0308	9591524,9578	48,101
CO	474974,4481	9591544,2101	47,377
CO	474979,8655	9591563,4624	46,665
CO	474985,2829	9591582,7148	46,016
CO	474990,7002	9591601,9671	45,009
CO	474996,1176	9591621,2194	44,704
CO	475001,5350	9591640,4718	44,261
CO	475006,9523	9591659,7241	44,358
CO	475012,3697	9591678,9764	44,111
CO	475017,7871	9591698,2287	43,895
CO	475023,2045	9591717,4811	43,624
CO	475028,6218	9591736,7334	43,255
CO	475034,0392	9591755,9857	42,764
CO	475036,7479	9591765,6119	42,485

CO	476375,47593	9592108,20102	11,66100
CO	475867,99511	9592082,99973	31,00000
CO	475845,86791	9592092,80558	32,81618
CO	475864,97051	9592063,55756	33,45975
CO	475844,75949	9592072,05936	33,82537
CO	475827,19628	9592080,94022	32,00000
CO	476116,74093	9591815,20267	33,00000
CO	476135,05311	9591855,44171	33,71629
CO	476127,11103	9591837,23935	32,00000
CO	476144,93392	9591829,18400	32,67503
CO	476153,89532	9591847,46381	32,43412
CO	476180,10402	9591857,11207	32,89298
CO	476190,11240	9591831,21615	33,00000
CO	476213,91505	9591840,86269	32,54358
CO	476195,51268	9591850,86789	32,00000
CO	476265,53265	9591861,71128	33,75135
CO	476369,79316	9591859,32157	33,12077
CO	476348,97382	9591929,59785	33,24713
CO	476347,71772	9591910,07672	33,55760
CO	476339,46932	9591870,14283	33,42501
CO	476356,11275	9591863,33071	33,00000
CO	476222,32777	9591860,23712	32,00000
CO	476241,21992	9591851,38270	32,00000
CO	476261,15784	9591842,58377	33,19046
CO	476232,66146	9591833,68275	33,32975
CO	476161,46188	9591822,16706	33,37465
CO	476134,01067	9591808,84162	33,55855
CO	476170,88250	9591839,21920	32,30568
CO	476272,12135	9591859,82703	33,68614
CO	475869,19592	9592103,41006	36,08919
CO	475829,93851	9592100,61187	34,22166
CO	475830,62803	9592058,26971	34,00000
CO	475860,41798	9592044,80202	34,00000
CO	475857,37668	9592024,47620	34,00000
CO	475838,33020	9592032,83579	34,00000
CO	475818,97662	9592040,32684	34,00000
CO	475813,62566	9592022,48654	34,00000
CO	475828,16822	9592014,98814	34,00000
CO	475848,64322	9592005,62502	34,00000
CO	475806,90686	9592002,81715	34,93872
CO	475824,48465	9591994,80153	35,00000
CO	475843,84526	9591986,23022	34,43186
CO	475834,23185	9591968,55890	36,00000
CO	475816,81456	9591976,51428	36,00000
CO	475802,30583	9591983,09444	35,80010
CO	475828,03968	9591952,12564	36,15648
CO	476137,22206	9591718,33939	35,43326
CO	476244,51312	9591714,23006	35,80147
CO	476166,40842	9591684,82282	35,85022
CO	476171,97793	9591701,98158	35,68642
CO	476162,56901	9591772,09696	34,78344
CO	476159,47757	9591866,52822	34,34951
CO	476208,78581	9591822,06265	34,00000
CO	476372,20997	9591940,91622	34,07738
CO	476326,21733	9591877,55682	34,13788
CO	476289,90378	9591871,62798	34,25752
CO	476319,84745	9592008,14722	36,00000
CO	476325,64914	9592025,93532	36,00000
CO	476264,08616	9591905,11105	35,69986
CO	476287,24792	9591895,12524	35,07637
CO	476305,11266	9591886,76069	34,78965

CO	476324,28735	9591899,17586	35,00000
CO	476315,22813	9591903,72040	35,00000
CO	476287,68273	9591915,97149	35,67218
CO	476271,30607	9591921,84129	36,00000
CO	476286,42428	9591937,90677	36,00000
CO	476299,93853	9591931,70789	35,45472
CO	476319,25024	9591923,16034	35,00000
CO	476311,73737	9591968,36788	35,56034
CO	476298,01796	9591953,54559	36,00000
CO	476339,02619	9591998,57377	35,85672
CO	476315,78452	9591986,59113	35,29410
CO	476337,54343	9591979,42328	35,27080
CO	476332,70570	9591957,66138	35,00000
CO	476311,02210	9591945,02150	35,20996
CO	476329,27944	9591938,40439	34,38507
CO	476368,51471	9591922,22689	34,00000
CO	476353,77111	9591949,37651	34,59443
CO	476354,43165	9591969,26476	35,67721
CO	476374,43051	9591960,23196	35,64703
CO	476393,03084	9591951,31936	35,33094
CO	476408,42410	9591944,90735	35,28050
CO	476411,11155	9591924,05870	34,00000
CO	476394,11150	9591931,69356	34,44967
CO	476386,29398	9591912,67388	34,43471
CO	476314,70812	9591883,30998	34,59121
CO	476327,17187	9591918,05816	34,74583
CO	476411,25070	9591904,07234	34,00000
CO	476404,45184	9591883,61156	34,57117
CO	476386,82766	9591891,07684	35,00000
CO	476367,09208	9591899,87659	34,82442
CO	476326,67397	9591898,75796	34,89508
CO	476345,04787	9591890,60273	34,00000
CO	476362,12863	9591882,76781	33,91497
CO	476383,95980	9591873,21485	34,29106
CO	476401,86582	9591864,93672	34,00000
CO	476394,67661	9591846,14895	34,00000
CO	476385,91131	9591829,26653	34,00000
CO	476366,02738	9591836,96580	34,00000
CO	476347,22119	9591845,85324	33,95713
CO	476329,54853	9591853,86287	34,00000
CO	476310,65816	9591861,71415	34,00000
CO	476286,20514	9591811,67721	35,00000
CO	476098,09895	9591739,48778	35,00000
CO	476110,23867	9591754,50818	34,71586
CO	476149,08799	9591736,68961	35,27516
CO	476167,58014	9591729,91056	35,38359
CO	476190,54823	9591718,23816	35,47631
CO	476168,30545	9591884,13930	35,63656
CO	476189,00179	9591874,97120	35,14812
CO	476204,38125	9591867,94043	34,38357
CO	476277,31874	9591835,78258	34,00000
CO	476294,69490	9591827,66625	34,71933
CO	476313,67913	9591819,48512	35,23218
CO	476253,90118	9591824,45049	34,16116
CO	476268,81974	9591815,97109	34,51375
CO	476185,44634	9591762,91043	34,87304
CO	476225,61424	9591766,04907	34,92019
CO	476208,80534	9591774,07395	34,82166
CO	476185,14667	9591785,31596	34,50584
CO	476152,38534	9591801,20258	34,19765
CO	476172,76078	9591791,28391	34,38238

CO	476050,53782	9591672,10610	35,96527
CO	476226,20017	9591813,22043	34,08864
CO	476244,84438	9591805,03240	34,35881
CO	476233,55059	9591787,77842	34,55670
CO	476214,60508	9591798,11948	34,39296
CO	476202,81300	9591803,59447	34,29255
CO	476182,02873	9591811,20776	34,07573
CO	476118,21148	9591770,38389	34,43847
CO	476136,54416	9591761,47636	35,00000
CO	476109,73623	9591798,94179	34,38669
CO	476127,01740	9591790,40196	34,00000
CO	476144,01624	9591783,12408	34,46327
CO	476155,26684	9591777,80063	34,70234
CO	476232,09788	9591741,12006	35,31348
CO	476201,70596	9591755,36786	35,00000
CO	476155,54658	9591755,31693	35,08651
CO	476189,50127	9591739,72053	35,20221
CO	476209,49728	9591730,13112	35,38550
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CO	476103,69552	9591691,43720	35,51534
CO	476078,46447	9591703,69750	35,35267
CO	476092,36072	9591720,41732	35,14471
CO	476110,22535	9591712,04435	35,36853
CO	476125,26463	9591704,26501	35,55469
CO	476146,71543	9591715,79063	35,49612
CO	476120,73446	9591727,50843	35,27199
CO	476150,69296	9591715,13558	35,49212
CO	476276,07951	9591878,63452	34,57134
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CO	476253,89791	9591888,84026	35,39333
CO	476233,04865	9591877,23004	35,00000
CO	476250,58622	9591869,13035	34,00000
CO	476290,63551	9591849,81214	34,00000
CO	476309,34626	9591841,41661	34,00000
CO	476325,20097	9591836,42133	34,39797
CO	476342,34851	9591828,50091	34,94322
CO	476360,59932	9591820,34526	35,35656
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CO	476305,63348	9591801,30906	35,57400
CO	476324,40905	9591792,92269	36,14777
CO	476304,65695	9591778,01680	36,00000
CO	476276,77208	9591790,78841	35,17536
CO	476252,08991	9591781,70748	34,85715
CO	476242,51975	9591758,20499	35,13186
CO	476256,56584	9591750,43441	35,48136
CO	476291,64353	9591761,86381	36,00000
CO	476272,73682	9591771,95994	35,42123
CO	476279,05250	9591741,26087	36,00000
CO	476253,97672	9591730,67351	35,62811
CO	476270,19436	9591723,19495	35,97239
CO	476260,33719	9591706,92758	36,00000
CO	476203,38594	9591711,31452	35,59285
CO	476217,51315	9591704,53855	35,76977
CO	476235,96288	9591695,60818	36,00000
CO	476191,66659	9591695,29085	35,76911
CO	476211,98406	9591684,56695	36,00000
CO	476182,21001	9591699,02262	35,74477
CO	476158,83874	9591665,43115	36,00000
CO	476112,80781	9591665,03497	36,00000
CO	476121,28754	9591683,14877	35,73791

CO	476139,04757	9591674,64764	35,92011
CO	476122,05908	9591636,88450	36,00000
CO	476061,75590	9591689,31621	35,58943
CO	476078,48297	9591681,30037	35,78424
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CO	476102,91496	9591647,68793	36,00000
CO	476084,94461	9591656,18067	36,00000
CO	476066,60596	9591665,09677	36,00000
CO	476117,81395	9591617,17179	36,00000
CO	476129,94261	9591611,74372	36,13968
CO	476106,14728	9591602,12099	36,00000
CO	476145,94664	9591650,15654	36,00000
CO	476144,15396	9591693,22757	35,73467
CO	476149,99688	9591690,59509	35,74594
CO	476183,71620	9591674,91517	36,00000
CO	476190,61191	9591671,68692	36,09972
CO	475793,43787	9591968,51792	36,63561
CO	475783,53063	9591951,32448	37,70375
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CO	475854,63485	9592235,07518	38,00000
CO	475853,17792	9592216,64696	38,00000
CO	475842,31851	9592196,16125	37,46849
CO	475841,90766	9592177,92854	37,24451
CO	475837,43412	9592158,35713	37,66951
CO	475833,91387	9592140,20034	37,44654
CO	475849,02724	9592112,37033	37,00000
CO	475834,54119	9592117,46939	36,35662
CO	475808,13269	9591961,63277	36,66959
CO	475817,27115	9591934,95932	37,56127
CO	475799,15263	9591943,76977	37,89141
CO	476321,72144	9592133,83664	38,00000
CO	476397,18817	9591972,21522	37,18005
CO	476307,04598	9592053,75781	36,77370
CO	476325,23206	9592047,19412	36,50306
CO	476311,93369	9592074,03423	37,00000
CO	476236,09215	9591896,93988	36,92884
CO	476195,63954	9591894,15422	37,74341
CO	476158,81490	9591909,37185	37,41040
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CO	476148,11145	9591934,80126	37,61251
CO	476311,24889	9592091,90159	37,34428
CO	476319,28475	9592113,18913	38,00000
CO	476290,07145	9592062,83063	38,05341
CO	476275,20912	9591965,03455	37,32207
CO	476279,89893	9591982,92117	37,31199
CO	476298,39624	9591974,68893	36,33311
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CO	476302,24819	9592013,72868	36,25015
CO	476282,04029	9592001,45898	37,39919
CO	476134,14374	9591961,64255	38,05131
CO	476283,29335	9592022,50082	37,35337
CO	476281,19599	9592046,44315	38,00000
CO	476306,61837	9592035,09065	36,21712
CO	476344,62938	9592017,82097	36,59071
CO	476363,63057	9592009,71618	37,55967
CO	476246,76933	9591913,44732	37,00000
CO	476249,91743	9591931,40614	37,71428
CO	476253,18243	9591952,42597	38,21443
CO	476270,71403	9591944,41185	36,91711
CO	476295,70166	9592102,55051	38,16621
CO	476327,60120	9592086,37798	37,36499

CO	476336,08598	9592103,92086	38,13652
CO	476351,45634	9592077,78509	38,43530
CO	476330,88268	9592064,24996	37,06145
CO	476350,00307	9592057,23234	38,00000
CO	476341,21265	9592038,81415	37,14883
CO	476363,96610	9592028,73038	37,87404
CO	476377,13276	9591982,45256	37,42023
CO	476357,86513	9591990,01767	36,64093
CO	476301,37911	9591992,53593	36,32279
CO	476327,83090	9591696,03231	38,00000
CO	476320,15636	9591681,05743	38,00000
CO	476281,92201	9591652,04954	38,20588
CO	476029,53961	9591637,09508	37,18809
CO	476050,12238	9591627,94466	37,44323
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CO	476071,42528	9591616,41368	37,31295
CO	476078,68532	9591591,19129	37,33719
CO	476044,21563	9591608,66383	38,09615
CO	476061,11483	9591600,34040	38,07338
CO	476214,18400	9591885,79961	36,43389
CO	476350,08450	9591803,22727	36,48512
CO	476370,38309	9591793,52768	36,83442
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CO	476362,26738	9591774,98620	38,42184
CO	476328,78193	9591767,41123	38,00000
CO	476316,93634	9591772,59294	37,00000
CO	476307,73027	9591756,62500	37,15747
CO	476297,81841	9591731,09103	37,22501
CO	476311,91020	9591725,49901	38,11412
CO	476307,55181	9591704,14625	37,93424
CO	476290,13301	9591713,78634	37,00000
CO	476292,60941	9591671,42948	37,74839
CO	476309,59366	9591660,46861	38,37889
CO	476298,42108	9591689,03400	37,67261
CO	476281,97255	9591696,79539	37,00000
CO	476255,85206	9591686,67442	36,68279
CO	476273,39764	9591678,34618	37,35164
CO	476263,26080	9591660,82310	37,66505
CO	476244,48000	9591670,12475	37,00000
CO	476227,32772	9591677,86370	36,49987
CO	476139,67041	9591626,59610	36,42591
CO	476160,58451	9591620,69134	36,81583
CO	476187,99783	9591629,96851	37,25550
CO	476201,61796	9591623,48127	37,81545
CO	476193,25800	9591648,30532	36,82913
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CO	476087,42545	9591610,23475	36,56504
CO	476139,57420	9591584,61789	36,75056
CO	476158,93390	9591577,62239	37,51989
CO	476151,45651	9591558,59406	37,79387
CO	476133,50549	9591567,32375	36,99480
CO	476113,96208	9591576,03040	36,20387
CO	476086,52499	9591567,03545	37,00000
CO	476108,72083	9591556,74661	36,64493
CO	476121,08679	9591542,02416	37,15858
CO	476126,10813	9591460,20094	38,00000
CO	476143,96034	9591451,66221	38,00000

CO	476162,95309	9591441,70593	38,00000
CO	476149,80627	9591427,79891	38,38045
CO	476133,73822	9591521,32921	37,95211
CO	476125,60810	9591503,10183	38,00000
CO	476170,73198	9591461,22497	38,14556
CO	476152,01748	9591470,29707	38,12493
CO	476117,90932	9591485,66650	38,00000
CO	476132,45050	9591478,92943	38,00000
CO	476099,78347	9591494,33547	38,00000
CO	476092,34103	9591497,86884	38,25236
CO	476169,00835	9591639,11623	36,57482
CO	476166,94466	9591617,58131	37,00000
CO	476185,81774	9591609,07899	37,72295
CO	476192,19972	9591605,94422	38,00000
CO	476150,08552	9591602,87623	36,82934
CO	476166,22284	9591594,73556	37,41851
CO	476185,26496	9591587,09442	38,23596
CO	476072,54607	9591573,28488	38,00000
CO	476079,47821	9591546,81479	38,00000
CO	476098,81102	9591537,67728	37,00000
CO	476115,20779	9591530,20910	37,58590
CO	476106,87571	9591512,69185	38,00000
CO	476088,57646	9591521,57924	38,00000
CO	476122,36522	9591549,68648	37,00000
CO	476142,51119	9591540,49028	37,75870
CO	476206,21270	9591664,27498	36,55554
CO	476220,71180	9591657,62217	37,00000
CO	476247,41297	9591644,95304	38,00000
CO	476228,47498	9591653,89352	37,32097
CO	476253,08254	9591642,52186	38,26844
CO	475793,83786	9591879,86623	39,48430
CO	475748,33060	9591877,13318	40,50047
CO	475771,45570	9591934,08687	39,00000
CO	475790,88928	9591925,17013	39,75780
CO	475783,38220	9591904,86793	40,67027
CO	475765,04803	9591912,91896	40,61733
CO	475758,43625	9591896,96377	40,00000
CO	475772,56812	9591889,47514	40,50205
CO	475783,25642	9591862,17209	39,16057
CO	475767,16432	9591869,70401	40,00000
CO	475758,79125	9591872,37054	40,27402
CO	475753,46195	9591853,94893	40,67437
CO	475775,08431	9591843,54880	39,54626
CO	475768,74864	9591823,56718	39,00000
CO	475749,97366	9591832,49928	40,59005
CO	475741,25364	9591815,61323	40,46541
CO	475758,11559	9591806,23820	39,26409
CO	475731,20224	9591799,16543	40,61106
CO	475750,64805	9591788,67581	39,45244
CO	475744,84343	9591769,71682	40,00000
CO	475295,41362	9591667,49249	40,12441
CO	475883,51381	9592372,65982	40,50777
CO	475874,33294	9592354,97142	39,95611
CO	475866,07527	9592339,06170	39,45993
CO	475871,01335	9592336,43201	40,48448
CO	475879,61786	9592331,60228	40,66224
CO	475899,58286	9592323,22550	40,76696
CO	475867,30902	9592313,21977	39,44510
CO	475882,19087	9592306,68315	40,03496
CO	475905,98117	9592295,29096	40,43789
CO	475859,48220	9592296,43086	38,79431

CO	475877,96148	9592288,37674	39,50809
CO	475897,07787	9592279,29804	39,88427
CO	475885,27327	9592266,66980	39,22595
CO	475875,95699	9592269,70160	39,00000
CO	475862,99935	9592275,22530	38,60584
CO	475872,91167	9592250,23779	38,69759
CO	475890,06318	9592240,46231	39,26701
CO	475882,50359	9592224,13968	39,17476
CO	475874,45561	9592228,08585	39,00000
CO	475868,50657	9592209,60159	38,86460
CO	475884,28818	9592202,09948	39,76998
CO	475862,26441	9592191,42101	39,17226
CO	475861,25216	9592170,66956	39,68951
CO	475855,63003	9592149,62630	39,55190
CO	475850,74474	9592133,11336	39,00000
CO	475872,68455	9592123,21479	40,30687
CO	475809,14679	9591916,20122	39,19459
CO	475800,59804	9591897,89302	39,63103
CO	476255,40764	9591971,75203	38,50224
CO	476323,17379	9592174,74824	40,47589
CO	476180,87767	9592004,54575	40,66453
CO	476264,28833	9592031,17258	38,59025
CO	476219,26101	9591903,97748	38,56918
CO	476176,27824	9591902,94624	38,66203
CO	476202,51940	9591911,70472	40,00000
CO	476184,18734	9591920,38618	40,63725
CO	476166,29023	9591926,48435	39,61431
CO	476227,59771	9591920,63074	39,34136
CO	476342,10332	9592124,41602	39,00000
CO	476343,57494	9592165,10305	40,49809
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CO	476235,27672	9591961,25150	40,00000
CO	476235,46297	9591982,86513	40,24274
CO	476240,09132	9592001,71011	39,96082
CO	476257,36668	9591994,09393	38,72147
CO	476293,75053	9592145,69454	39,82435
CO	476277,87280	9592131,40658	39,89349
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CO	476275,35199	9592111,45309	39,39184
CO	476273,55077	9592089,23530	39,31796
CO	476268,83577	9592070,72292	39,21374
CO	476266,35714	9592053,15029	38,87327
CO	476244,73040	9592040,51488	40,17625
CO	476260,71135	9592095,62684	40,04756
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CO	476175,46329	9591987,83598	40,06662
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CO	476323,91866	9592153,19227	39,19509
CO	476343,22062	9592143,15048	39,48108
CO	476362,21677	9592134,32487	40,32698
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CO	476373,21419	9592066,24356	39,26242
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CO	476405,55491	9592009,60849	40,59417
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CO	476403,67327	9591990,69985	39,22146
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CO	476339,79417	9591762,50070	38,79335
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CO	476075,25740	9591484,19009	40,00000
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CO	476165,16573	9591397,68862	39,68408
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CO	476172,34896	9591416,86793	39,42401
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CO	476187,19372	9591496,34230	40,00000
CO	476170,59714	9591503,98279	39,40398
CO	476146,45901	9591493,31141	38,55964
CO	476162,25050	9591486,17466	38,68787
CO	476196,15282	9591470,30831	40,48316
CO	476190,27383	9591450,97659	40,22015
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CO	476074,41809	9591506,07460	39,48420
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CO	476052,52765	9591582,35671	38,71442
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CO	476022,72393	9591573,41517	39,98164
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CO	476063,97411	9591554,14901	38,72270
CO	476070,40882	9591529,77424	39,01742
CO	476054,55110	9591537,35511	39,62724
CO	476036,26925	9591545,77390	40,52025
CO	476063,10340	9591511,29668	40,07126
CO	476100,67873	9591404,50458	40,65231
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CO	476138,29097	9591387,22407	39,35824
CO	476154,28630	9591379,58623	39,40729
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CO	476162,83798	9591531,29407	39,00000
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CO	476197,68311	9591515,20764	40,59564
CO	476277,74636	9591631,05315	39,42440
CO	476268,92161	9591635,25136	39,00000
CO	476289,37163	9591625,48402	39,79850
CO	476264,88489	9591614,88000	40,00000
CO	476286,94632	9591605,70032	40,67210
CO	476250,48258	9591599,55773	40,00000
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CO	476248,39541	9591579,60965	40,37277
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CO	476222,16098	9591568,61771	40,00000
CO	476241,29576	9591560,99241	40,69636
CO	476215,96911	9591550,45402	40,49058
CO	476169,56399	9591550,88795	39,00000
CO	476187,28950	9591540,32771	40,21176
CO	476205,70509	9591535,96374	40,71996
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CO	476145,51332	9591306,48720	40,78919
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CO	475715,87877	9591806,45601	41,24459
CO	475703,67466	9591788,63740	42,00000
CO	475722,46702	9591780,42583	40,95454
CO	475695,89139	9591771,34830	42,51912
CO	475715,67987	9591759,98654	41,64533
CO	475734,28923	9591752,44123	41,00000
CO	475689,94143	9591751,44753	43,00000
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CO	475290,38075	9591649,54082	41,50490
CO	475278,44015	9591610,96695	42,31383
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CO	475311,29570	9591657,62953	42,36531
CO	475308,52470	9591643,04230	43,05590
CO	475232,48925	9591373,12545	43,00000
CO	475191,10240	9591303,51444	43,00000
CO	475221,52049	9591335,54612	43,06741
CO	475227,18388	9591355,26306	43,00000
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CO	476110,17460	9591243,29646	42,36289
CO	476095,43274	9591262,01224	42,00000
CO	476097,08851	9591228,90929	42,74250
CO	475918,65242	9592440,35992	42,61915

CO	475909,88086	9592423,46012	42,09209
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CO	475892,01377	9592389,03634	41,01851
CO	475907,62302	9592361,18217	42,68514
CO	475889,15453	9592348,26019	41,54693
CO	475909,06901	9592339,64437	41,55137
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CO	475882,17057	9592161,97195	41,40810
CO	475877,51414	9592142,27214	41,48423
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CO	476060,29294	9591238,95868	42,39322
CO	476412,23731	9592345,24443	42,43349
CO	476451,29292	9592326,51447	41,92655
CO	476468,17920	9592318,97969	41,66083
CO	476473,65486	9592339,49375	41,11366
CO	476475,54587	9592358,69735	42,56240
CO	476457,35239	9592367,99401	42,85899
CO	476454,94672	9592348,62757	41,86948
CO	476379,80808	9592360,27975	43,00000
CO	476391,90687	9592355,47528	42,33508
CO	476446,04028	9592309,95457	42,88108
CO	476467,20029	9592299,94649	42,52422
CO	476367,63110	9592174,28135	42,65602
CO	476223,71579	9592028,03975	41,56255
CO	476430,17294	9592337,27929	42,40712
CO	476380,65607	9592402,25615	43,00000
CO	476399,44458	9592393,54018	43,00000
CO	476418,54106	9592385,06822	42,45001
CO	476436,00011	9592377,27407	42,86922
CO	476432,96387	9592356,17965	42,00000
CO	476414,38931	9592365,67582	42,00000
CO	476396,70761	9592373,87911	42,69584
CO	476347,11513	9592184,57923	41,53802
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CO	476381,58083	9592148,70652	42,18966
CO	476394,57204	9592142,65927	43,00000
CO	476260,49348	9592139,54409	41,21129
CO	476239,73444	9592126,08549	42,71448
CO	476256,28945	9592119,81773	40,79435
CO	476204,79084	9592037,21194	42,00000
CO	476184,51808	9592046,46095	41,58746
CO	476188,89458	9592065,71882	42,09897
CO	476197,99007	9592061,41176	42,43343
CO	476224,83426	9592050,07487	42,00000
CO	476210,78276	9592077,31094	43,00000
CO	476228,56850	9592067,85436	42,00000
CO	476232,79483	9592088,68228	42,16244
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CO	476196,20189	9591976,39441	41,00000
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CO	476213,32871	9591970,47300	41,00000
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CO	476286,72089	9592189,25829	42,07932
CO	476265,08383	9592180,15992	43,00000
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CO	476378,83856	9592127,30869	41,00000
CO	476397,71592	9592118,70550	42,18984
CO	476416,89031	9592111,15695	42,92166
CO	476418,94447	9592087,66030	42,49058
CO	476393,95866	9592099,16206	41,00000
CO	476414,29360	9592068,79369	42,14486
CO	476407,36846	9592052,49645	41,83353
CO	476428,74574	9592042,26340	42,00000
CO	476411,29233	9592034,05036	42,00000
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CO	476423,93825	9592023,75857	41,72184
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CO	476225,50315	9591479,32867	42,48447
CO	476206,65963	9591487,92282	41,05179
CO	476216,98642	9591460,25257	41,75910
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CO	476026,68443	9591528,04822	42,21982
CO	476043,62644	9591519,99758	41,00000
CO	476057,16378	9591492,04886	41,00000
CO	476038,54161	9591500,71927	42,00000
CO	476044,88948	9591474,67810	42,19927
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CO	476063,07113	9591423,22525	42,36827
CO	476083,75562	9591413,25833	41,34195
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CO	476215,13201	9591505,55044	41,40742
CO	476232,94633	9591499,78235	42,57175
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CO	476257,47120	9591553,26235	41,21679
CO	476230,02223	9591544,14392	41,00000
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CO	476221,59872	9591525,91327	41,33063
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CO	476035,78275	9591254,82706	42,93699
CO	476056,32608	9591257,85892	42,14345
CO	476066,79212	9591284,28954	42,79527
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CO	476094,97358	9591343,31804	42,42419
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CO	475680,24052	9591689,43862	44,13555
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CO	475321,51887	9591619,18210	44,42432
CO	475311,15432	9591583,24829	44,48097
CO	475316,06881	9591600,49609	44,44829
CO	475291,26493	9591585,59570	43,51756
CO	475297,58492	9591604,58504	43,41796
CO	475302,51578	9591622,58204	43,29898
CO	475331,64186	9591652,14571	44,00000
CO	475327,71643	9591638,16025	44,43375
CO	475210,31408	9591297,79733	45,00000
CO	475284,15160	9591336,07287	44,53868
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CO	475279,73080	9591320,59251	45,00000
CO	475237,20539	9591317,45655	45,10634
CO	475233,20888	9591303,10116	45,32148
CO	475215,33362	9591312,99459	44,23879
CO	475196,86446	9591321,99369	43,18434
CO	475202,78652	9591342,20558	43,21463
CO	475240,65111	9591329,43296	44,95441
CO	475246,52650	9591349,50460	44,09987
CO	475208,53168	9591361,99166	43,48491
CO	476034,49696	9591371,96082	45,00000
CO	476044,62559	9591354,23552	44,44031
CO	476053,08933	9591337,85250	44,00000
CO	476063,25506	9591319,68751	43,60815
CO	475920,38309	9592418,48254	44,23422
CO	475918,99024	9592398,50288	44,25249
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CO	476424,05953	9592424,37263	44,75502
CO	476357,37733	9592307,35916	44,59440
CO	476287,47745	9592465,40146	45,26797
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CO	476356,77984	9592371,22930	43,55174
CO	476426,95166	9592318,60603	43,26486
CO	476350,03744	9592331,90500	44,19153
CO	476370,59688	9592323,20001	44,25931
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CO	476441,15409	9592290,34099	44,00000
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CO	476461,33596	9592260,84222	44,60553
CO	476439,87938	9592270,02709	45,36430
CO	476361,26811	9592265,88574	45,36657
CO	476313,82412	9592221,08568	43,31327
CO	476440,55420	9592144,08261	44,53163
CO	476420,84301	9592152,17659	44,57306
CO	476421,36744	9592128,28568	43,72511
CO	476366,69486	9592197,86538	44,00000
CO	476370,39619	9592217,29952	45,00000
CO	476351,18399	9592267,83848	45,00000
CO	476329,19469	9592277,26449	45,00000
CO	476343,27861	9592271,27878	45,00000
CO	476352,87226	9592224,84743	44,00000
CO	476335,71257	9592232,13231	43,58471
CO	476319,76654	9592260,27149	45,00000
CO	476343,53972	9592250,15176	44,47905
CO	476359,72823	9592242,46593	44,97648
CO	476386,16995	9592167,35282	43,42295
CO	476405,36626	9592158,79880	44,23935
CO	476444,41775	9592162,77543	45,14437
CO	476423,10628	9592172,03211	45,14033
CO	476406,51082	9592179,36199	44,80141
CO	476387,04505	9592188,46548	44,61175
CO	476408,22803	9592326,35748	43,45941
CO	476390,09354	9592333,56223	43,44864
CO	476371,08030	9592342,34147	43,45487
CO	476352,91287	9592350,88971	43,62153
CO	476333,45774	9592358,98047	44,24116
CO	476313,68123	9592368,41454	44,77615
CO	476296,82209	9592373,88010	45,21063
CO	476249,57001	9592463,41338	45,30213
CO	476352,22249	9592478,39449	45,38397
CO	476329,64772	9592464,89334	45,00000
CO	476305,31686	9592457,82353	45,00000
CO	476319,04459	9592430,04217	44,00000
CO	476302,17007	9592437,83801	44,43128
CO	476281,45076	9592446,88299	45,00000
CO	476263,85574	9592454,53151	45,05245
CO	476261,25108	9592434,57702	45,04427
CO	476402,98868	9592455,22325	45,30789
CO	476388,55849	9592461,54141	45,09980
CO	476371,70700	9592469,75409	45,31708
CO	476338,70915	9592421,01422	44,00000
CO	476327,44549	9592446,97638	44,21804
CO	476323,48081	9592427,84865	44,00000
CO	476345,52772	9592438,85133	44,00000
CO	476343,86941	9592460,61180	44,73250
CO	476364,66484	9592451,77495	44,59515
CO	476386,31256	9592442,30008	44,14562
CO	476404,11436	9592433,70199	44,59591
CO	476421,75918	9592404,40958	43,85151
CO	476404,21739	9592412,46621	43,77637
CO	476390,25798	9592418,69267	43,56916

CO	476363,38551	9592431,61602	44,00000
CO	476362,75701	9592408,70123	43,34699
CO	476377,98187	9592380,79485	43,25249
CO	476356,98487	9592391,53030	43,58832
CO	476336,72318	9592400,52414	44,00000
CO	476319,15650	9592408,88254	44,20509
CO	476305,92610	9592414,53967	44,33777
CO	476279,85270	9592426,41303	44,88917
CO	476333,90569	9592380,92639	44,20741
CO	476319,56089	9592385,70682	44,55330
CO	476296,88909	9592397,60969	44,85416
CO	476287,92073	9592401,53103	45,00000
CO	476242,79401	9592427,14361	45,11878
CO	476307,03409	9592329,74798	45,28879
CO	476326,77809	9592320,51659	44,80343
CO	476343,23996	9592313,59324	44,52846
CO	476382,37926	9592295,92796	45,03109
CO	476403,55458	9592285,87710	45,41651
CO	476361,50096	9592284,30970	45,15183
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CO	476328,64178	9592298,98873	45,00000
CO	476215,42778	9592116,10378	44,00000
CO	476239,91394	9592147,20189	44,00000
CO	476196,61799	9592105,05372	43,85750
CO	476212,51330	9592097,92961	43,55735
CO	476310,08963	9592264,76305	45,22549
CO	476320,07142	9592281,99079	45,34275
CO	476315,04508	9592241,38274	44,41027
CO	476292,44148	9592230,00912	45,24163
CO	476291,83356	9592209,63980	43,42703
CO	476269,60154	9592198,53497	44,48843
CO	476247,83281	9592187,13537	45,34733
CO	476201,14004	9592143,35188	44,83518
CO	476220,88538	9592136,01371	44,51043
CO	476221,69334	9592157,10914	45,08970
CO	476244,72559	9592167,35136	44,13485
CO	476017,35285	9591465,27098	45,00000
CO	476036,54355	9591458,00415	43,26240
CO	475997,82000	9591563,64648	43,38885
CO	476008,19405	9591535,93405	44,32006
CO	476017,58587	9591510,21263	44,23976
CO	476029,43373	9591482,97267	43,37702
CO	476029,07002	9591438,67806	44,00000
CO	476019,88479	9591421,12941	45,15443
CO	476039,21960	9591411,74716	44,02531
CO	476056,60756	9591403,09914	43,25202
CO	476066,99692	9591376,35321	43,17679
CO	476047,29659	9591380,60347	44,15196
CO	476064,69601	9591364,81462	43,40592
CO	476028,01349	9591397,23681	45,00000
CO	475919,59085	9591220,39604	45,30830
CO	475947,55868	9591217,23550	44,00000
CO	475947,19653	9591209,22625	45,00000
CO	475956,51987	9591238,23304	45,24028
CO	475964,25647	9591220,10367	44,00000
CO	475976,51447	9591242,53470	45,00000
CO	476050,73964	9591320,22808	44,15190
CO	475989,96154	9591260,79885	45,00000
CO	475983,25464	9591225,18242	44,00000
CO	476000,94147	9591233,53243	43,82360
CO	476008,60734	9591215,65961	44,00000

CO	476014,94928	9591199,48051	44,48232
CO	475989,70008	9591208,12667	44,00000
CO	475971,24319	9591200,53091	45,00000
CO	475997,71694	9591189,50533	44,69816
CO	476007,41202	9591168,25159	44,77682
CO	476024,76745	9591180,75177	44,38212
CO	476042,67927	9591186,87364	44,00000
CO	476034,38400	9591204,85552	44,00000
CO	476027,06583	9591223,58658	43,15040
CO	476019,51787	9591243,02287	43,26562
CO	476032,34464	9591313,58200	45,05759
CO	476003,58536	9591278,20305	44,96768
CO	476022,79240	9591286,47165	44,62421
CO	476011,67361	9591261,24404	44,00000
CO	476031,56614	9591269,76371	43,66763
CO	476047,87383	9591276,16636	43,33486
CO	476039,99084	9591293,62689	44,29312
CO	476059,29923	9591301,84912	43,61054
CO	476079,44914	9591201,48984	43,37956
CO	476055,17138	9591211,52781	43,56944
CO	476027,15277	9591374,97673	45,35538
CO	476035,00989	9591358,38245	45,00000
CO	476060,56314	9591346,14901	43,70016
CO	476042,27907	9591339,14550	44,59838
CO	476069,04924	9591333,77701	43,40249
CO	475655,19340	9591677,69275	45,63304
CO	475646,71917	9591659,42410	46,00000
CO	475636,97522	9591643,34703	46,44546
CO	475629,23076	9591625,41875	47,04222
CO	475646,69688	9591616,83037	46,00000
CO	475664,82488	9591607,07586	46,00000
CO	475657,39370	9591590,25582	46,83261
CO	475638,11131	9591599,08604	46,48520
CO	475623,92574	9591605,57904	47,23492
CO	475296,90492	9591313,99585	45,47138
CO	475205,52599	9591276,58799	46,47803
CO	475225,37586	9591273,03154	47,00000
CO	475244,60508	9591264,95692	47,70298
CO	475369,55418	9591564,63475	47,48350
CO	475348,42863	9591568,92434	46,37103
CO	475343,84788	9591552,67285	45,93274
CO	475354,21022	9591589,29142	47,00000
CO	475360,48467	9591611,33969	47,35610
CO	475339,71284	9591611,62372	45,76316
CO	475330,40285	9591574,41161	45,47180
CO	475346,59308	9591632,54430	46,00000
CO	475365,14541	9591626,26649	47,67063
CO	475349,77592	9591647,45054	46,00000
CO	475248,02154	9591285,05777	46,55883
CO	475229,17424	9591289,33506	46,00000
CO	475268,63521	9591280,98954	47,08801
CO	475335,43396	9591296,43328	46,79987
CO	475355,25813	9591292,73653	47,56040
CO	475341,06144	9591320,33494	47,13796
CO	475322,84954	9591325,02511	46,39690
CO	475304,52714	9591334,12487	45,67916
CO	475288,67109	9591278,19428	47,30346
CO	475307,68329	9591272,38995	47,63016
CO	475311,57874	9591287,93171	47,00000
CO	475316,46266	9591305,86912	46,20276
CO	475293,72765	9591296,17408	46,28430

CO	475272,72273	9591298,20749	46,09217
CO	475253,95396	9591302,73770	45,72067
CO	476293,42796	9592358,25371	45,50678
CO	476372,87768	9592489,31216	46,00000
CO	476435,07193	9592250,80967	46,32273
CO	476434,92566	9592229,11835	46,42595
CO	475884,12295	9591250,19938	47,56637
CO	475892,81361	9591233,08785	46,42438
CO	475899,94443	9591213,92287	46,29472
CO	475848,53643	9591237,76549	47,00000
CO	476410,38856	9592472,87415	46,55008
CO	476430,96786	9592463,88750	46,84501
CO	476446,11413	9592457,10238	46,71221
CO	476469,82523	9592446,16527	46,70310
CO	476487,23945	9592437,71200	47,00000
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CO	476444,34478	9592437,43498	45,62014
CO	476426,32521	9592444,70822	45,62431
CO	476323,67763	9592512,02032	46,51223
CO	476243,37962	9592377,57327	46,45960
CO	476234,11086	9592339,11166	47,49885
CO	476231,30218	9592361,55866	47,00000
CO	476424,15399	9592277,94270	45,68240
CO	476398,73002	9592247,85923	46,63898
CO	476416,83847	9592236,21492	47,00000
CO	476452,08584	9592220,13741	46,00000
CO	476214,04390	9592202,76929	47,45376
CO	476224,78114	9592198,17699	47,00000
CO	476378,95106	9592255,07201	46,00000
CO	476420,00926	9592257,75722	46,65951
CO	476376,81085	9592234,95277	46,00000
CO	476395,67974	9592226,61888	46,40150
CO	476413,54974	9592218,17405	46,44378
CO	476431,02052	9592211,08902	46,00000
CO	476448,98848	9592202,76632	46,00000
CO	476389,91519	9592208,42460	45,73764
CO	476411,57650	9592196,75647	45,63610
CO	476446,66332	9592180,76915	45,68103
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CO	476259,27175	9592518,01426	46,63929
CO	476293,86523	9592503,78659	46,36235
CO	476313,17025	9592494,69262	46,00000
CO	476276,19856	9592512,38436	46,51894
CO	476359,04704	9592538,84417	47,65374
CO	476277,16324	9592532,41838	47,00000
CO	476298,11575	9592523,41636	46,89019
CO	476334,64071	9592507,62312	46,25490
CO	476353,16518	9592498,76521	46,11406
CO	476390,72210	9592482,13686	46,10898
CO	476332,46250	9592487,07205	45,61104
CO	476307,57163	9592477,35314	45,57830
CO	476290,28616	9592485,56462	45,86051
CO	476273,29001	9592492,53778	46,01949
CO	476248,69762	9592482,69589	45,81083
CO	476271,28659	9592472,30870	45,45750
CO	476261,85306	9592413,14962	45,46563
CO	476238,02028	9592402,79515	45,96720
CO	476259,29591	9592393,03282	45,87928

CO	476254,16051	9592374,01074	46,34238
CO	476274,97455	9592365,07739	45,91298
CO	476240,60580	9592359,41767	46,91930
CO	476252,77110	9592353,80440	46,76239
CO	476269,88313	9592345,82078	46,44261
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CO	476378,54571	9592276,45170	45,58180
CO	476303,97005	9592310,05189	45,57794
CO	476289,92182	9592316,12666	46,00000
CO	476266,02491	9592326,85339	46,87001
CO	476264,33277	9592306,15495	47,16302
CO	476249,04906	9592334,00317	47,25639
CO	476252,09026	9592311,71266	47,57718
CO	476202,84821	9592163,32474	45,64525
CO	476293,50312	9592272,60705	46,00000
CO	476309,52624	9592286,28336	45,57823
CO	476283,08032	9592297,63712	46,48421
CO	476258,93091	9592286,39265	47,70175
CO	476281,84654	9592275,93969	46,67288
CO	476291,77805	9592251,62581	46,00000
CO	476275,41926	9592259,07795	47,00000
CO	476273,99081	9592238,93240	46,76493
CO	476246,74150	9592207,24650	46,75639
CO	476230,06764	9592214,79039	47,66550
CO	476258,76916	9592224,65190	47,00000
CO	476273,93739	9592217,98188	46,00000
CO	476234,02519	9592193,56297	46,43905
CO	476229,80232	9592174,13020	45,49498
CO	476207,24764	9592184,25094	46,70040
CO	475990,44918	9591544,96758	45,68554
CO	476008,47356	9591491,64694	46,00000
CO	476000,76081	9591474,36724	47,00000
CO	476011,32275	9591446,32001	45,83198
CO	476002,03700	9591426,81833	46,96436
CO	476379,07548	9592528,22951	47,47718
CO	476388,21848	9592523,90571	47,48104
CO	476402,64951	9592517,29218	47,69052
CO	476411,72174	9592493,96562	47,51760
CO	476392,20305	9592502,77931	46,75477
CO	476374,00783	9592510,56806	46,67383
CO	476355,82793	9592518,64316	46,82177
CO	476338,68470	9592526,19178	47,00000
CO	476321,63304	9592534,23676	47,33431
CO	476298,15991	9592542,90166	47,56006
CO	476281,06900	9592550,81065	47,68967
CO	476265,67787	9592559,08752	47,71063
CO	475950,24237	9591147,43320	47,07850
CO	475968,86165	9591159,14927	46,52082
CO	475962,01363	9591174,39583	46,72018
CO	475935,38573	9591185,50042	47,35576
CO	475942,20876	9591165,92896	47,68494
CO	475928,12660	9591202,10122	46,64448
CO	475881,91645	9591206,39032	47,33334
CO	475876,76358	9591223,75511	46,00000
CO	475828,44624	9591233,35695	47,38082
CO	475869,87266	9591241,78490	47,17623
CO	476001,87577	9591385,96864	47,32387
CO	475904,21846	9591257,24447	47,69075
CO	475911,23495	9591241,37926	46,78899
CO	475938,34388	9591229,07076	45,56211

CO	475954,17636	9591193,85792	46,20409
CO	475949,71334	9591254,18997	46,43632
CO	475977,04058	9591292,18017	47,00000
CO	475985,75791	9591272,07740	45,56846
CO	475968,09289	9591262,46905	46,00000
CO	475982,14800	9591178,66411	45,61180
CO	475988,37982	9591162,87502	45,69946
CO	476013,46301	9591307,05338	45,67614
CO	476023,43260	9591334,81534	45,77432
CO	475988,10552	9591313,79308	47,32095
CO	475995,47742	9591296,96241	46,00000
CO	476006,06521	9591322,29850	46,53348
CO	475998,72458	9591342,67375	47,49258
CO	476016,76558	9591350,15976	46,14629
CO	475628,36957	9591580,36594	48,00466
CO	475646,86495	9591563,49095	48,00000
CO	475619,40555	9591571,40530	48,47482
CO	475614,15386	9591552,65588	49,38469
CO	475632,64346	9591547,93011	49,03560
CO	475767,10319	9591237,13731	49,75754
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CO	475283,18908	9591255,38694	48,47279
CO	475302,19591	9591245,38734	49,00000
CO	475395,47854	9591284,36130	50,00000
CO	475685,13509	9591508,71720	50,00000
CO	475666,65628	9591516,32217	49,49928
CO	475648,38114	9591519,61226	49,58313
CO	475628,60727	9591525,15019	49,82062
CO	475425,10782	9591544,95589	50,00000
CO	475388,56199	9591557,81044	48,78003
CO	475406,10577	9591548,28544	49,38250
CO	475410,69934	9591564,07186	50,00000
CO	475378,96069	9591601,24617	48,80647
CO	475373,20096	9591578,82319	48,19550
CO	475384,78409	9591620,63797	49,28608
CO	475613,88008	9591588,41934	48,00000
CO	475605,38100	9591574,66359	48,63170
CO	475598,87474	9591572,48369	49,00000
CO	475579,88679	9591579,63313	49,69887
CO	475389,17923	9591635,69826	49,86092
CO	475370,59065	9591639,98540	48,22437
CO	475319,55492	9591243,98379	49,23859
CO	475363,55915	9591251,23584	50,00000
CO	475344,69949	9591256,98748	49,47466
CO	475325,12103	9591260,62129	48,54315
CO	475331,26464	9591281,40847	47,90388
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CO	475366,14261	9591332,38727	47,99634
CO	475385,18520	9591326,42654	48,70467
CO	475399,50472	9591302,31739	49,94068
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CO	475374,90472	9591287,90721	48,75002
CO	475361,13335	9591314,23832	48,18189
CO	476227,73734	9592320,02094	48,00000
CO	475878,13687	9591269,85185	49,00000
CO	475906,58276	9591195,23451	47,76805
CO	475915,41682	9591175,95855	48,51017
CO	475921,88679	9591158,54588	48,44928
CO	475929,63042	9591139,75123	48,00000
CO	475877,58086	9591122,29154	50,00000

CO	475873,86291	9591143,00621	50,00000
CO	475867,96406	9591161,99617	49,86009
CO	475864,93437	9591180,69704	49,00000
CO	475858,74606	9591199,42039	48,51312
CO	475853,43356	9591219,39774	48,00000
CO	475806,84584	9591229,88807	48,79730
CO	475807,37468	9591213,27249	50,00000
CO	476338,73820	9592547,98429	47,88662
CO	476232,27666	9592278,82814	48,42054
CO	476234,98026	9592296,73046	48,22339
CO	476257,87507	9592267,66779	47,92422
CO	476218,83605	9592264,97333	48,71857
CO	476238,11213	9592257,47821	48,33385
CO	476257,32345	9592246,73976	47,75704
CO	476213,06768	9592224,26173	48,27825
CO	476216,42272	9592244,86160	48,64189
CO	476233,26168	9592237,84197	48,26343
CO	475976,04069	9591507,56433	49,00000
CO	475990,88651	9591500,71761	48,00000
CO	475982,30583	9591482,67911	49,00000
CO	475993,70724	9591455,36262	47,83169
CO	475981,43283	9591438,77474	50,00000
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CO	476384,00805	9592546,84707	48,40297
CO	476401,26867	9592539,09733	48,49005
CO	476418,30611	9592531,27146	49,00000
CO	476420,86755	9592509,34562	48,53235
CO	476436,81629	9592502,09258	49,24656
CO	476454,63756	9592493,95466	49,65927
CO	476473,64875	9592485,64823	49,51448
CO	476493,64880	9592456,60267	48,31505
CO	476487,12234	9592458,30419	48,26123
CO	476471,36740	9592465,81130	48,00000
CO	476459,90128	9592472,19978	48,07672
CO	476442,04778	9592480,11144	48,28066
CO	476429,57270	9592485,81066	48,14997
CO	476269,32023	9592576,99168	48,73108
CO	476287,34384	9592568,91921	48,67476
CO	476302,99217	9592562,19493	48,46597
CO	476321,21558	9592554,03528	48,13483
CO	476325,26372	9592574,92607	49,22189
CO	476307,85315	9592580,78980	49,51056
CO	476286,12453	9592592,42112	49,71054
CO	476349,42455	9592585,08966	49,74577
CO	476370,24546	9592575,76298	49,54004
CO	476357,92666	9592580,70946	49,62404
CO	476376,68569	9592572,48684	49,49076
CO	476388,03166	9592567,56287	49,47131
CO	476403,77415	9592560,49950	49,56174
CO	476456,93931	9592515,27529	50,00000
CO	476477,19234	9592507,62560	50,00000
CO	476495,91062	9592497,42443	50,00000
CO	476437,35228	9592522,80682	50,00000
CO	476421,69389	9592551,22903	50,00000
CO	475891,54654	9591170,99302	49,18025
CO	475888,80717	9591185,29463	48,53286
CO	475826,46686	9591251,40723	48,51145
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CO	475859,51301	9591281,16592	49,46890

CO	475863,53619	9591262,89785	48,74258
CO	475923,00997	9591265,45386	48,00000
CO	475939,31228	9591273,65663	48,40512
CO	475896,05809	9591276,27015	49,34672
CO	475980,73272	9591378,36518	50,00000
CO	475992,49782	9591404,65672	48,70427
CO	475957,72212	9591284,82389	48,00000
CO	475951,17940	9591299,76706	49,73443
CO	475970,80461	9591307,01848	48,18320
CO	475978,48142	9591336,25322	49,00000
CO	475990,52521	9591359,88831	48,51314
CO	475898,28615	9591146,83443	49,00000
CO	475905,19792	9591127,58294	48,31592
CO	475830,12814	9591212,58152	48,82344
CO	475831,68430	9591191,16731	49,83404
CO	475505,27773	9591607,27531	51,91923
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CO	475464,34550	9591534,25879	51,03034
CO	475513,74683	9591559,98342	51,81197
CO	475518,93179	9591579,79166	51,53800
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CO	475764,31415	9591216,82031	51,00000
CO	475421,35028	9591314,45670	50,14458
CO	475436,45435	9591293,71412	51,59354
CO	475389,63178	9591264,93200	50,28900
CO	475410,41320	9591261,39465	51,23678
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CO	475413,95792	9591279,09878	51,04822
CO	475786,94874	9591292,78132	50,98424
CO	475699,11347	9591484,77652	52,31039
CO	475679,15148	9591488,02387	51,52272
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CO	475661,64108	9591494,13299	50,91495
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CO	475559,36529	9591506,45453	52,00000
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CO	475503,85648	9591525,61523	51,90527
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CO	475542,18290	9591533,03986	52,00000
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CO	475704,43539	9591503,98149	51,00000
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CO	475589,19117	9591538,90288	51,04897
CO	475570,45237	9591544,45810	51,33532
CO	475551,94425	9591548,85705	51,47504
CO	475532,05066	9591556,19718	51,44458
CO	475509,24666	9591548,90630	52,00000
CO	475493,27989	9591565,50035	52,00000
CO	475455,75139	9591579,22611	51,75767
CO	475474,61899	9591573,74958	51,69662
CO	475469,46407	9591553,93432	51,36230
CO	475445,10634	9591539,02876	50,61455
CO	475431,76718	9591565,65183	50,92380
CO	475436,14955	9591583,70136	51,53345

CO	475417,07777	9591589,53399	50,98901
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CO	475423,39601	9591609,58298	52,00000
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CO	475459,33363	9591599,06514	52,25949
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CO	475481,21682	9591592,26036	52,00000
CO	475497,30466	9591580,83586	52,00000
CO	475502,19930	9591593,02066	51,79438
CO	475520,80450	9591585,51323	51,45071
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CO	475576,57216	9591562,29803	50,32519
CO	475559,76355	9591576,98373	50,49092
CO	475541,30108	9591584,15404	51,00000
CO	475523,47562	9591594,35359	51,29790
CO	475502,90288	9591596,35887	51,74359
CO	475410,30583	9591629,90839	51,71782
CO	475781,99561	9591185,91820	51,60767
CO	475783,19042	9591204,65625	51,00000
CO	475779,94411	9591172,47096	52,06404
CO	475743,93978	9591220,78264	51,71804
CO	475730,26365	9591222,42904	52,22456
CO	475403,67343	9591243,32227	51,36203
CO	475395,18367	9591217,58719	51,60647
CO	475376,63842	9591221,24036	51,00000
CO	475357,27917	9591229,50048	50,64099
CO	475337,63523	9591235,21268	50,15218
CO	475382,71844	9591245,53663	50,17510
CO	475463,59871	9591307,25676	52,19101
CO	475442,61015	9591312,46585	51,00000
CO	475418,65949	9591297,44203	50,72778
CO	476500,79515	9592599,11317	51,73243
CO	476503,80305	9592546,54463	50,75805
CO	476500,17357	9592661,68969	51,35291
CO	476520,33819	9592656,48652	50,29327
CO	476507,71722	9592567,28753	50,95207
CO	476463,46070	9592565,54494	51,64555
CO	476462,91709	9592555,81644	51,31848
CO	476460,52512	9592533,11002	50,53511
CO	476480,27153	9592525,22360	50,62892
CO	475808,85237	9591173,72209	51,11668
CO	475811,10069	9591149,91629	51,86448
CO	476278,13386	9592649,03926	51,58314
CO	476434,35448	9592579,67667	51,38890
CO	476405,94703	9592593,90295	51,52347
CO	476382,71824	9592603,86577	51,67977
CO	476366,34696	9592611,71325	51,87410
CO	476349,32818	9592618,33700	51,89948
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CO	476298,73070	9592640,31402	51,82360
CO	476479,51227	9592665,88118	52,24267
CO	476272,20698	9592619,95992	50,22116
CO	475965,00248	9591490,64067	50,81991
CO	475965,76250	9591446,47371	51,88402
CO	475972,73578	9591465,01815	50,68086
CO	476290,40174	9592611,76106	50,53944
CO	476291,34546	9592632,19462	51,27707
CO	476295,60249	9592630,27096	51,39014

CO	476314,04760	9592622,08223	51,53883
CO	476329,63645	9592615,41348	51,52145
CO	476336,54814	9592612,02830	51,27283
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CO	476372,92689	9592595,53438	50,82010
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CO	476495,62130	9592519,09005	50,61330
CO	476437,27009	9592543,50186	50,46066
CO	476496,31300	9592516,07129	50,53797
CO	476490,06563	9592543,33634	51,21835
CO	476483,12119	9592546,24268	51,36537
CO	476444,04633	9592561,65287	51,17336
CO	476426,57572	9592571,45297	50,90009
CO	476410,99261	9592589,31725	51,44034
CO	476427,59425	9592582,26075	51,53100
CO	476478,45900	9592559,54400	51,71645
CO	476448,41541	9592573,35598	51,63288
CO	476484,74198	9592555,71696	51,56137
CO	476481,59928	9592580,28564	52,14040
CO	475852,31493	9591300,97493	51,00000
CO	475889,42901	9591292,64134	50,79592
CO	475932,72214	9591291,07148	50,31786
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CO	475941,13209	9591317,96885	51,64150
CO	475953,71433	9591345,80882	52,00000
CO	475905,75514	9591302,94775	52,32944
CO	475914,42961	9591284,04199	50,19096
CO	475964,57718	9591371,40285	50,81753
CO	475949,02376	9591364,51308	52,00000
CO	475846,84209	9591319,25092	52,15014
CO	475974,60663	9591419,28291	51,42025
CO	475974,06751	9591395,53673	51,60708
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CO	475841,96994	9591108,91347	51,86121
CO	475839,74056	9591131,47186	51,41531
CO	475837,43655	9591148,44422	51,00000
CO	475834,63189	9591172,27535	50,28987
CO	475794,30131	9591312,98247	52,79603
CO	475759,50150	9591183,29406	52,37656
CO	475752,89556	9591154,61150	53,44435
CO	475471,49685	9591261,25170	54,00000
CO	475495,43156	9591272,32315	54,34393
CO	475524,40041	9591289,45159	54,46600
CO	475466,60554	9591242,76370	54,24848
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CO	475446,31395	9591244,69365	53,29563
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CO	475718,17530	9591479,09643	54,00000
CO	475674,39635	9591472,02821	52,81867
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CO	475593,53118	9591473,08431	53,00000
CO	475612,55884	9591469,09787	53,28789
CO	475630,82204	9591458,66915	54,00000
CO	475655,55559	9591472,97207	53,00000
CO	475616,56568	9591487,15039	52,38802
CO	475597,36963	9591492,20263	52,35957
CO	475581,00967	9591499,92022	52,43208
CO	475481,87194	9591608,49446	52,44135
CO	475467,01817	9591614,57426	52,68424

CO	475446,56905	9591619,64713	52,71311
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CO	475779,45435	9591150,12092	52,69474
CO	475777,90781	9591130,96159	53,35005
CO	475700,39369	9591190,56942	54,34076
CO	475721,18460	9591189,46543	53,56003
CO	475725,35424	9591205,28093	53,00000
CO	475706,01774	9591209,51274	53,65722
CO	475687,60859	9591218,79092	54,16897
CO	475713,69820	9591166,99022	54,35743
CO	475730,02779	9591159,55808	54,00000
CO	475735,21463	9591182,82854	53,15625
CO	475739,56240	9591200,67728	52,60508
CO	475710,73170	9591230,56571	52,71867
CO	475693,00714	9591238,47802	53,24686
CO	475678,16143	9591259,45067	53,28128
CO	475672,37824	9591242,02391	54,00000
CO	475455,51476	9591205,97191	54,57739
CO	475459,29054	9591219,60256	54,40017
CO	475441,62053	9591230,64650	53,37998
CO	475422,30778	9591236,02043	52,37389
CO	475432,42198	9591204,18707	53,62131
CO	475415,11013	9591211,29531	52,79742
CO	475476,38606	9591281,09067	53,60421
CO	475450,90962	9591267,56208	53,00000
CO	475489,60643	9591255,02109	54,63325
CO	475499,27603	9591292,75707	54,00000
CO	475478,51372	9591292,74289	53,30442
CO	476335,45155	9592656,16059	53,49726
CO	476370,73230	9592643,66784	54,00000
CO	476475,93909	9592604,98809	52,75683
CO	476459,89012	9592611,09869	53,10762
CO	476434,45994	9592617,19192	53,45791
CO	476415,85874	9592624,45830	53,81897
CO	476396,82257	9592630,59101	54,00000
CO	475809,07812	9591133,03257	52,55878
CO	475818,55821	9591313,29336	52,52379
CO	476491,59409	9592625,35139	52,50729
CO	476472,58413	9592631,19175	53,31059
CO	476454,55292	9592639,60561	53,91945
CO	476434,06398	9592643,03197	54,35441
CO	476374,28263	9592659,06023	54,50605
CO	476356,07246	9592665,26266	54,30356
CO	476336,53250	9592669,76114	54,00000
CO	476317,00586	9592674,11959	53,48578
CO	476294,29751	9592678,60513	52,97932
CO	476458,25488	9592663,68032	53,65122
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CO	476341,41412	9592686,36705	54,26514
CO	476281,75332	9592694,92931	52,70777
CO	476302,11039	9592696,90763	53,30110
CO	476321,49439	9592689,32810	53,79477
CO	475949,08756	9591453,13854	53,60386
CO	476469,13546	9592586,14423	52,41854
CO	476448,50955	9592595,10262	52,45819
CO	476430,53663	9592603,43257	52,67660
CO	476410,27507	9592612,05374	52,92617
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CO	476375,10853	9592626,19273	53,09447
CO	476355,19289	9592635,11493	53,05591

CO	476335,80404	9592642,53249	53,00000
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CO	476296,56939	9592661,33158	52,53788
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CO	475878,59464	9591312,72917	52,58430
CO	475927,43705	9591355,30097	54,32965
CO	475865,09592	9591349,05145	54,65550
CO	475891,41885	9591334,69818	54,34327
CO	475870,50202	9591331,11557	53,42464
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CO	475961,57082	9591425,00199	53,04911
CO	475948,47155	9591431,02822	54,47637
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CO	475956,00092	9591388,90654	53,52280
CO	475840,99411	9591339,95948	53,67154
CO	475816,38630	9591332,57791	54,37954
CO	475747,40305	9591119,31586	54,67759
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CO	475432,29126	9591273,27072	54,77800
CO	475738,05140	9591471,95829	56,22909
CO	475792,27913	9591353,05371	56,45395
CO	475790,04670	9591331,87227	55,00000
CO	475710,61292	9591444,80003	55,74755
CO	475671,32890	9591159,28281	56,80172
CO	475691,08598	9591155,13957	56,00000
CO	475722,77315	9591124,26376	55,59614
CO	475703,25479	9591128,73709	56,51660
CO	475708,72773	9591146,68955	55,51995
CO	475726,86556	9591140,12335	54,88690
CO	475680,62895	9591195,14369	55,11653
CO	475675,29606	9591177,72029	55,87099
CO	475694,73915	9591171,93157	55,00000
CO	475654,43798	9591248,85842	54,78529
CO	475648,26107	9591227,56080	55,65632
CO	475666,06608	9591219,49761	55,00000
CO	475642,56963	9591209,56272	56,49306
CO	475661,58963	9591203,44589	55,72177
CO	475473,63522	9591197,71523	55,41794
CO	475492,44926	9591191,26531	56,27231
CO	475498,98596	9591212,56509	56,06408
CO	475478,97146	9591215,49359	55,28797
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CO	475565,57354	9591232,90292	56,68182
CO	475516,31292	9591204,57130	56,67529
CO	475527,66596	9591244,33529	55,66586
CO	475502,92223	9591230,76863	55,62446
CO	475523,49913	9591225,69679	56,15789
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CO	475633,96708	9591253,70156	56,12566
CO	475619,81195	9591271,53785	56,00000
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CO	475594,16360	9591259,87744	56,35707
CO	475577,83115	9591275,69447	55,72189
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CO	475551,98725	9591256,12357	55,77134

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CO	475558,25323	9591279,95680	55,29652
CO	475515,99609	9591272,84466	54,77421
CO	475883,41649	9591358,39305	55,48337
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CO	476414,74683	9592647,22326	54,70732
CO	476395,47655	9592652,12035	54,81604
CO	476417,95966	9592661,39032	55,00000
CO	476399,03643	9592669,38044	55,00000
CO	476379,13005	9592675,29749	55,00000
CO	476331,54419	9592213,30957	55,45700
CO	476182,89741	9591390,82037	55,45700
CO	475907,38938	9591345,44519	55,04981
CO	475893,16481	9591382,93229	56,44312
CO	475900,92703	9591364,26660	55,80574
CO	475918,69689	9591373,64466	54,97383
CO	475920,86964	9591418,04726	55,68641
CO	475930,27189	9591399,84538	55,46488
CO	475940,50644	9591427,45485	55,04981
CO	475874,97464	9591373,94051	56,36043
CO	475911,95180	9591389,11431	56,00000
CO	475868,73147	9591437,48981	55,95745
CO	475842,63937	9591447,56581	56,58387
CO	475819,31625	9591459,66865	56,57654
CO	475902,43712	9591410,09232	56,93302
CO	475896,08637	9591429,49599	55,99162
CO	475875,67619	9591421,54728	56,76537
CO	475856,98759	9591367,13850	55,86550
CO	475814,58238	9591350,95102	55,61237
CO	475834,80744	9591360,03987	55,36234
CO	475794,43684	9591454,96371	57,06010
CO	475756,90239	9591468,58907	57,00000
CO	475789,49968	9591437,03634	58,00000
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CO	475770,76383	9591445,17617	57,60333
CO	475752,76345	9591447,98574	57,53523
CO	475726,56842	9591436,21797	57,00000
CO	475747,81592	9591430,17387	58,00000
CO	475764,53828	9591424,45564	58,04416
CO	475573,39817	9591182,23359	58,22411
CO	475617,04957	9591197,36725	58,11696
CO	475651,11932	9591163,91338	57,94900
CO	475642,89853	9591144,68631	58,56716
CO	475664,62202	9591141,16648	57,87542
CO	475684,40117	9591134,46876	57,19658
CO	475655,61994	9591180,53526	57,00000
CO	475623,84633	9591213,77558	57,33331
CO	475638,51745	9591195,78844	57,34773
CO	475632,22441	9591173,51140	58,23899
CO	475627,86101	9591159,13698	58,51440
CO	475607,19653	9591159,16422	58,92977
CO	475530,30117	9591178,43103	57,72172
CO	475533,53531	9591188,78187	57,46663
CO	475512,46119	9591188,12514	57,04472
CO	475583,27463	9591221,85319	57,30231
CO	475538,51715	9591206,45251	57,00000
CO	475556,25563	9591199,45711	57,52390
CO	475562,06245	9591220,48329	57,00000
CO	475581,83626	9591211,01870	57,64698
CO	475600,42260	9591201,97683	58,07946

CO	475612,96928	9591174,60854	58,57855
CO	475593,06068	9591182,82016	58,43542
CO	475550,50663	9591174,34248	58,20887
CO	475568,03321	9591167,27990	58,65465
CO	475589,92439	9591165,98934	58,72185
CO	475885,59637	9591397,44565	57,00000
CO	475799,38953	9591453,23205	57,18167
CO	475804,63669	9591452,48597	57,18073
CO	475809,09995	9591455,21704	57,00000
CO	475826,57919	9591434,70540	58,05870
CO	475807,56496	9591432,02145	58,32731
CO	475809,54815	9591410,95120	58,96561
CO	475822,59389	9591397,43959	58,56705
CO	475818,41729	9591417,24268	58,69137
CO	475833,00016	9591425,28697	58,24160
CO	475856,89108	9591412,26421	58,00000
CO	475865,56840	9591393,93250	57,48581
CO	475847,89238	9591386,13173	57,53205
CO	475831,02823	9591379,56237	57,42547

ANEXO 4 – NIVELAMENTO GEOMÉTRICO DO EIXO BARRÁVEL

BARRAGEM MELANCIA- NIVELAMENTO GEOMÉTRICO DO EIXO BARRÁVEL.				
PONTO	RE	PLANO	VANTE	COTA
M-3=E-00				55,470
M-3=E-00	0,520	55,990		
E-01			2,221	53,769
E-02			2,970	53,020
E-02	0,615	53,635		
E-03			2,206	51,429
E-04			3,374	50,261
E-04	0,251	50,512		
E-05			1,101	49,411
E-06			3,373	47,139
E-07			3,550	46,962
E-07	0,352	47,314		
E-08			2,633	44,681
E-08	0,128	44,809		
E-09			1,788	43,021
E-09	0,200	43,221		
E-10			2,941	40,280
E-11			3,469	39,752
E-11	0,512	40,264		
E-12			0,303	39,961
E-13			1,531	38,733
E-14			3,160	37,104
E-15			3,672	36,592
E-15	0,723	37,315		
E-16			1,472	35,843
E-17			2,233	35,082
E-18			2,864	34,451
E-19			3,535	33,780
E-20			3,221	34,094
E-20	0,129	34,223		
AUX.			3,251	30,972
AUX.	1,720	32,692		
E-21			1,918	30,774
AUX.			0,637	32,055
AUX.	2,983	35,038		
E-22			1,790	33,248
E-23			0,478	34,560
E-24			0,527	34,511
E-25			0,777	34,261
E-25	1,587	35,848		
E-26			1,078	34,770
E-27			0,146	35,702
E-27+2,72=M-4			0,089	35,759
E-27+2,72=M-4	2,569	38,328		
E-28			1,430	36,898
E-28	3,580	40,478		
E-29			0,742	39,736
E-29	3,596	43,332		
E-30			1,287	42,045



BARRAGEM MELANCIA- NIVELAMENTO GEOMÉTRICO DO EIXO BARRÁVEL.				
PONTO	RE	PLANO	VANTE	COTA
E-30	3,421	45,466		
E-31			1,249	44,217
E-31	2,958	47,175		
E-32			0,287	46,888
E-32	2,743	49,631		
E-33			0,804	48,827
E-33	2,591	51,418		
E-34			0,602	50,816
E-34	2,125	52,941		
E-35			1,316	51,625
E-36			1,114	51,827
E-37			1,966	50,975
E-38			2,014	50,927
E-39			2,083	50,858
E-40			1,985	50,956
E-41			1,566	51,375
E-42			1,244	51,697
E-42	2,145	53,842		
E-43			1,613	52,229
E-44			1,266	52,576
E-45			1,266	52,576
E-46			0,725	53,117
E-46	1,720	54,837		
E-47			2,118	52,719
E-48			2,781	52,056
E-49			3,429	51,408
E-49	1,260	52,668		
E-50			2,361	50,307
E-51			2,998	49,670
E-52			3,469	49,199
E-53			3,630	49,038
E-54			3,071	49,597
E-55			2,512	50,156
E-56			1,981	50,687
E-57			1,298	51,370
E-57	3,160	54,530		
E-58			2,178	52,352
E-59			1,242	53,288
E-60			0,830	53,700
E-60	1,894	55,594		
E-61			1,425	54,169
E-62			1,056	54,538
E-63			0,683	54,911
E-63	1,796	56,707		
E-64			1,355	55,352
E-64+9,85			1,087	55,620

RELAÇÃO DE DESENHOS – BARRAGEM MELANCIA

Nº DE ORDEM	DESCRIÇÃO	ARQUIVO
01	Planta Baixa do Boqueirão e do Sangradouro – Arranjo Geral	I-3-ME-01/10-001
02	Planta Baixa do Boqueirão – Estaca E45 a E64+9,85m	I-3-ME-02/10-001
03	Planta Baixa do Boqueirão – Estaca E20 a E44 e Estaca E27 = C00 a C19	I-3-ME-03/10-001
04	Planta Baixa do Boqueirão – Estaca C20 a C40	I-3-ME-04/10-001
05	Planta Baixa do Boqueirão – Estaca S26 a S38	I-3-ME-05/10-001
06	Planta Baixa do Boqueirão – Estaca E-6S a E-03 e Estaca S-03 a S25	I-3-ME-06/10-001
07	Planta Baixa do Boqueirão – Estaca E-02 a E19 e Estaca S-04 a S-23+12,40m	I-3-ME-07/10-001
08	Perfil Longitudinal do Eixo do Boqueirão – Estaca E-6S a E17	I-3-ME-08/10-001
09	Perfil Longitudinal do Eixo do Boqueirão – Estaca E17a E55	I-3-ME-09/10-001
10	Perfil Longitudinal do Eixo do Boqueirão – Estaca E55 a E64+9,85	I-3-ME-10/10-001