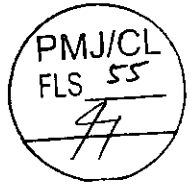




Prefeitura Municipal de Jardim  
Governo Municipal  
CNPJ nº 07.391.006/0001-86



## ANEXO I

# TERMO DE REFERENCIA

Concorrência nº 2018.06.28.1

**ANEXO I**  
**TERMO DE REFERÊNCIA**  
**CONCORRÊNCIA N° 2018.06.28.1**

**1 - OBJETO**

1.1 - Contratação de empresa/pessoa física para execução de serviços de Transporte Escolar da Rede Pública de Ensino do Município de Jardim/CE.

**2 - JUSTIFICATIVA:**

2.1 - A contratação dos serviços de Transporte Escolar se faz necessário para atender a demanda do Fundo Municipal de Educação, em virtude do início do ano letivo, o qual é utilizado pelos alunos que necessitam de transporte público para se locomover até os estabelecimentos de ensino.

**3 - DESCRIÇÕES DAS ROTAS E ORÇAMENTO BÁSICO:**

3.1 - As rotas, bem como seu devido orçamento, são as discriminadas no quadro abaixo:

Item	Especificação	N° de alunos	Unid.	Qtde.	Valor unitário	Valor Total
0001	Depois da caixa d'água do Sr. Juvenal(sentido Distrito de Horizonte)/ Sítio Belo Horizonte/Escola Gravatá	22	Mês	12	3.724,21	44.690,52
0002	Serra Catolé(Os dois lados)/Serra Areia III/ Serra Gravatá/Escola Gravatá	29	Mês	12	11.433,51	137.202,12
0003	Serra Cotovelo/Escola do Distrito e Horizonte/Serra de Seriqueira/Escola do Distrito e Horizonte	29	Mês	12	3.867,96	46.415,52
0004	Serra Boca da Mata/Serra Redenção/Serra da Caitana/Escola Serra Boca da Mata/Divisa de Porteiras/Escola Serra Boca da Mata	29	Mês	12	10.483,75	125.805,00
0005	Sítio Cafundó/Escola Senador Carlos Jereissate-Sede do Município	22	Mês	12	2.183,83	26.205,96
0006	Serra da Pitombeira/Serra Areia/Serra Brejinho/Escola Serra Brejinho/Serra da Besta Morta/Escola Serra Brejinho	29	Mês	12	9.998,35	119.980,20
0007	Serra Baixa Funda/Serra Taquari/Serra Olho D'água Escola da Serra Olho D'água	29	Mês	12	8.400,76	100.809,12
0008	Sítio Braz/ Sede-Escola Senador Carlos Jereissate	22	Mês	12	3.367,18	40.406,16
0009	Serra Baixa Funda/Serra Taquari/Serra tapada/Serra Olho D'água/Serra Besta Morta/ Escola da Serra Olho D'água	29	Mês	12	9.893,25	118.719,00
0010	Sítio Água Branca/ Sítio Lameirão/E.E.F. Augustinho Félix de Filgueiredo	29	Mês	12	3.365,27	40.383,24
0011	Sítio Água Branca/ Sítio Lameirão/E.E.F. Augustinho Félix de Filgueiredo	29	Mês	12	3.365,27	40.383,24
0012	Serra Sariema/Serra Veríssimo/Sítio Descida	12	Mês	12	1.241,64	14.899,68
0013	Serra do Cruzeiro/Sítio Descida	12	Mês	12	974,39	11.692,68
0014	Sítio Descida/Sítio Água Branca/E.E.F. Monsenhor Alcântara-Jardim Mirim	12	Mês	12	2.302,02	27.624,24
0015	Sítio Bom Jesus/Sítio Descida/Sítio Água Branco/E.E.F. Monsenhor Alcântara-Jardim Mirim	12	Mês	12	1.394,37	16.732,44
0016	Sítio Riacho da Areia/Sítio Alto do Brejão/Sítio Amargosos/E.E.F. Monsenhor Alcântara-Jardim Mirim	22	Mês	12	5.229,44	62.753,28

47



PREFEITURA  
MUNICIPAL DE JARDIM

# Prefeitura Municipal de Jardim

Governo Municipal

CNPJ Nº 07.391.006/0001-86



0017	Sítio Canabrava/Sítio Bom Jesus/E.E.F. Monsenhor Alcântara-Jardim Mirim	22	Mês	12	2.925,10	35.101,20
0018	Sítio Sobradinho/Sítio Olho D'água do Sobradinho/Sítio São José/Sítio Capoeira/E.E.F. Monsenhor Alcântara-Jardim Mirim	22	Mês	12	5.267,26	63.207,12
0019	Sítio Santana/Sítio Capoeira/E.E.F. Monsenhor Alcântara-Jardim Mirim	22	Mês	12	3.320,24	39.842,88
0020	Sítio Batingas/Sítio Baixo dos Freires/Sítio Cotovelo/E.E.F. Monsenhor Alcântara-Jardim Mirim	22	Mês	12	6.683,51	80.202,12
0021	Sítio Correntinho/Sítio Batingas/Sítio Bixio dos Freires/Sítio Cotovelo(E.E.F. Luiz Mendes Rocha)/Sítio Areia	22	Mês	12	5.455,05	65.460,60
0022	Sítio Lajinha/Sítio Lagoa do Alto/Sítio Riacho Fundo dos Flor/Sítio Riacho Fundo dos Coelhos/Sítio Cidade/EEF Santo Antônio(Lagoa do Alto)	22	Mês	12	2.499,71	29.996,52
0023	Sítio Lajinha/Sítio Lagoa do Alto/Sítio Riacho Fundo dos Flor/Sítio Riacho Fundo dos Coelhos/Sítio Cidade/EEF Santo Antônio(Lagoa do Alto)	22	Mês	12	2.913,08	34.956,96
0024	Distrito do Taquarí/Sítio Lagoa do Mandacari/Sítio Lagoa do Souza/Sítio Riacho da Cachoeira/Lagoa do Alto/Sítio Lagoa dos Espinheiros/EEF Santo Antônio(Lagoa do Alto)	29	Mês	12	5.983,44	71.801,28
0025	Distrito do Taquarí ao Distrito de Fazenda Nova EEF-José da Costa Bezerra	29	Mês	12	2.599,80	31.197,60
0026	Serra Jatobá (Os dois lados)/EEF Castro Alves	29	Mês	12	8.383,56	100.602,72
0027	Vila Jacinto/Sítio Amargosos/Sítio Mahadinha/Bonsucesso(EEF Emanuel José de Sousa)	22	Mês	12	6.674,38	80.092,56
0028	Sítio Umburana/Sítio Lagoa dos Galdinos/Bonsucesso(EEF Emanuel José de Souza)	22	Mês	12	8.383,58	100.602,96
0029	Sítio Baixo do Minas/Sítio Girirana/Bonsucesso(EEF Emanuel José de Souza)	29	Mês	12	11.368,54	136.422,48
0030	Sítio Algodões/Sítio André/Distrito do Corrente(EEF Luiz Leite Bríngel)	22	Mês	12	3.153,34	37.840,08
0031	Sítio Algodões/Sítio André/Distrito do Corrente(EEF Luiz Leite Bríngel)	22	Mês	12	3.153,31	37.839,72
0032	Sítio Coitezeiro dos Hipólitos/Sítio Algodões/Sítio André/Distrito do Corrente(EEF Luiz Leite Bríngel)	22	Mês	12	5.179,89	62.158,68
0033	Sítio Montanha/Sítio Pinto/ Sítio Malhada Vermelha/Distrito do Corrente(EEF Luiz Leite Bríngel)	22	Mês	12	4.930,80	59.169,60
0034	Sítio Campo Grande do Corrente/Sítio Pinto/ Sítio Malhada Vermelha/Distrito do Corrente(EEF Luiz Leite Bríngel)	29	Mês	12	11.018,83	132.225,96
0035	Sítio Mão Grossa/Sítio Lagoa de Dentro/Sítio Montanha(Creche)	12	Mês	12	1.377,24	16.526,88
0036	Sítio Mão Grossa/Sítio Algodões/Distrito de Fazenda Nova(EEF José da Costa Bezerra)	12	Mês	12	2.307,31	27.687,72
0037	Sítio Lagoa de Souza ao Distrito de Taquarí(EEF Iva Emídio Gondim)	22	Mês	12	1.318,45	15.821,40
0038	Sítio Água Branca ao Sítio Lameirão(EEF Augustinho Félix de Filgueiredo)	29	Mês	12	1.683,59	20.203,08
<b>Total:</b>						<b>2.253.662,52</b>

3.2 - O valor máximo admitido para esta contratação é de R\$ 2.253.662,52 (dois milhões duzentos e cinquenta e três mil e seiscentos e sessenta e dois reais e cinquenta e dois centavos), de acordo com a média de preços das pesquisas realizadas pelo Município de Jardim.

3.3 - Não serão aceitos para fins de contratação, preços mensais superiores aos valores constantes no orçamento acima detalhado.

#### 4 - PRAZO DE VIGÊNCIA CONTRATUAL:

4.1 - O prazo de vigência do futuro contrato será de **12 (doze) meses**, a contar da data de sua assinatura, podendo o mesmo ser prorrogado, através de Termo Aditivo, até o limite de 60 (sessenta) meses, nos termos do Art. 57, da Lei nº 8.666/93, e suas demais alterações, desde que não haja manifestação contrária de uma das partes, por escrito, até 30 (trinta) dias antes do seu término.

#### 5 - FORMA DE EXECUÇÃO DOS SERVIÇOS

5.1 - Os serviços serão prestados pelo **CONTRATADO(A)** diariamente, satisfeitas integralmente as necessidades objeto do futuro contrato, correndo por sua conta as despesas com reposição de peças, pneus, serviços mecânicos, lavagem e lubrificação dos veículos, motorista, combustível e acidentes, decorrentes das más condições de conservação dos veículos.

5.2 - Os veículos utilizados para a execução dos serviços de Transporte Escolar, deverão preencher todos os requisitos de segurança contidos no Código Nacional de Trânsito, além de comprovação e atualização de Licença do DETRAN (CRLV) e Seguro Obrigatório, sendo ainda mantido, o veículo, em perfeito estado de conservação, funcionamento e higiene, e somente podendo ser guiado por motorista devidamente habilitado;

5.3 - Os veículos deverão utilizar adesivos ou pintura com a inscrição "**TRANSPORTE ESCOLAR**".

5.4 - O(A) CONTRATADO(A) deverá cumprir com pontualidade os serviços relativos a serem executados, de acordo com os horários estabelecidos pela(o) Fundo Municipal de Educação.

5.5 - Os veículos deverão permanecer em disponibilidade exclusiva para o transporte dos alunos, cumprindo os horários pré-determinados pela CONTRATANTE.

5.6 - Os serviços serão prestados de forma contínua durante o exercício financeiro, sendo que não haverá transporte de alunos nos meses de férias escolares.

#### 6 - ORIGEM DOS RECURSOS

6.1 - As despesas deste Contrato correrão por conta de recursos oriundos do Tesouro Municipal, previstos nas seguintes Dotações Orçamentárias:

Órgão	Unid. Orç.	Projeto/Atividade	Elemento de Despesa
06	02	12.361.0029.2.049.0000	3.3.90.39.00

#### 7 - OBRIGAÇÕES DA CONTRATANTE

7.1 - As obrigações do CONTRATANTE são as discriminadas na Minuta Contratual, parte integrante do Edital, independente de sua transcrição.

## 8 - OBRIGAÇÕES DA CONTRATADA

8.1 - As obrigações do CONTRATADO(A) são as discriminadas na Minuta Contratual, parte integrante do Edital, independente de sua transcrição.

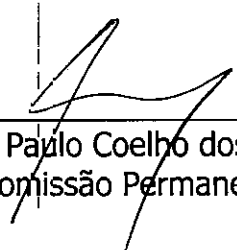
## 9 - DAS PROIBIÇÕES

9.1 - É vedada a aposição de inscrições, anúncios, painéis decorativos e pinturas nas áreas envidraçadas do veículo.

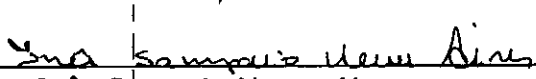
9.2 - É vedado ao condutor trafegar com o veículo sem a devida documentação obrigatória atualizada (certificado de registro e licenciamento do veículo, seguro obrigatório pago, carteira nacional de habilitação de acordo com as leis de trânsito vigentes).

9.3 - É vedado o transporte alunos, fora do horário das aulas, para qualquer outra atividade, sem autorização da Secretaria Municipal de Educação, por escrito, que se manifestará no caso de Projetos e Programas onde houver atividades em contra turno. Não poderá ocorrer o transporte de familiares de alunos, salvo nos casos autorizados por escrito pela Secretaria Municipal de Educação.

Jardim/CE, 28 de Junho de 2018.

  
\_\_\_\_\_  
Woston Paulo Coelho dos Santos  
Presidente da Comissão Permanente de Licitação

**DE ACORDO:**

  
\_\_\_\_\_  
Inês Sampaio Neves Aires  
Ordenadora de Despesas  
Fundo Municipal de Educação



**Prefeitura Municipal de Jardim**  
**Governo Municipal**  
CNPJ nº 07.391.006/0001-86



# **ROTAS ESCOLARES MUNICIPAIS**

## **GEOREFERENCIAMENTO** Concorrência nº 2018.06.28.1

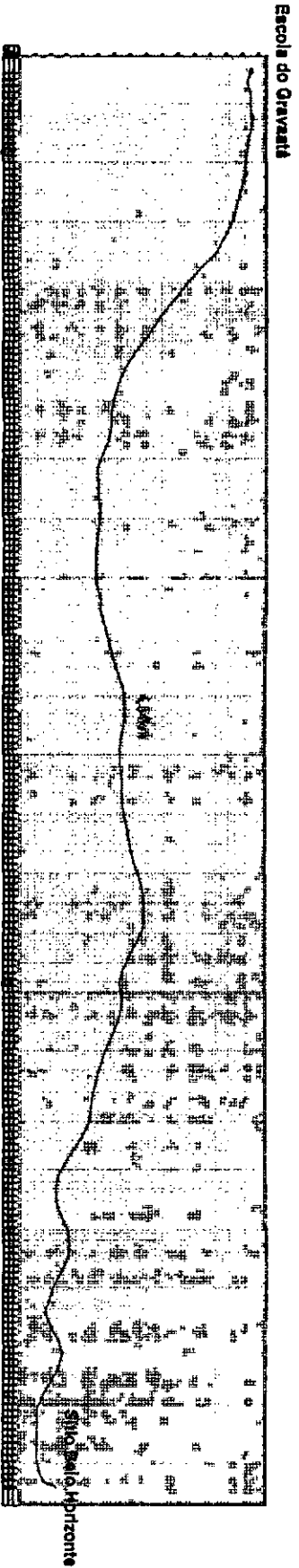
PM/JCL  
 FLS. 64  
 4/1



ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
1	1	1	Depois da caixa d'água do Sr. Juvenal (sentido Distrito de Horizonte) / Sítio Belo Horizonte / Escola Gravata	UTM 7 24M EDX463953,59 ; NY 9167551,44 e UTM 2-24M EDX466774,98 ; NY 9162124,6560	UTM 2-24M EDX465142,12 ; NY 9165644,11	28,65	Misto	Van	22

**LEVANTAMENTO PLANIMETRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODESIA LTDA. (88) 99688-8559/99652-4881 cleviandalencar@gmail.com	LEVANTAMENTO:	 <b>CLEVLAND ALENCAR DE OLIVEIRA</b> TEC. CONS. CIVIL TOPO. ESTRADAS CREA: RNP 060784563-5	PRANCHA: <b>1 / 2</b>
	<b>LOCAL: SERRA GRAVATÁ (rota 01) - JARDIM - CE</b> <b>PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)</b>		
<b>CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SERRA GRAVATÁ</b>			
<b>PERCURSO UNITÁRIO: 7,16 km</b>		DATA: <b>ABRIL / 2018</b>	ESCALA: <b>1 : 35.000</b>



Escola do Gravata

Depoite da Caixa D'água de Sr. Juvenal

ITEM	PERÍODO		NOTA/TRABALHO	COORD. SAÍDA	COORD. CHEGADA	QTD. KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTD. APROXIMADA DE ALIQUIS
	INICIAL	FINAL							
1	1	1	Depoite da caixa d'água de Sr. Juvenal (sentido Distrito de Horizonte) / Sítio Belo Horizonte/Escola Gravata	EQM428855,59 ; NIV 24M/EQM66774,98	EQM65142,12 ; NIV 24M/EQM66774,98	28,65	Misto	Van	22

LEVANTAMENTO PLANIMÉTRICO

**TOPOGEO** LEVANTAMENTO:  
 TOPOGRAFIA E GEODESIA  
 LTDA.  
 (88)  
 99688-8559/99652-4881  
 clevlandaloucar@gmail.com  
 CLEVLAND ALENCAR DE OLIVEIRA  
 TEC. COOR. CIVIL TOPO. ESTRADAS  
 CREA: RNP 090784593-5

LOCAL: SERRA GRAVATA (ROTA 01) - JARDIM - CE  
 PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHAS:  
 212



CONTEÚDO: PLANTA DOS PERIS DAS ROTAS ESCOLARES MUNICIPAIS SERRA GRAVATA  
 PERCURSO UNITÁRIO: 7,16 km  
 DATA: ABRIL / 2018  
 ESCALA: 1 : 20.000





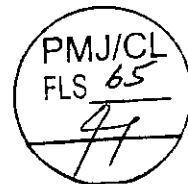
Rcta01 Gravata.txt

1	24M	465142,119	€165644,115	816,777
2	24M	465149,429	€165611,772	815,816
3	24M	465150,845	€165572,966	816,777
4	24M	465155,268	€165542,205	816,777
5	24M	465168,892	€165512,915	817,258
6	24M	465192,74	€165486,403	817,258
7	24M	465226,508	€165462,298	816,297
8	24M	465268,955	€165443,036	815,816
9	24M	465299,857	€165430,994	814,855
10	24M	465332,248	€165418,897	814,855
11	24M	465365,26	€165405,726	813,893
12	24M	465398,124	€165390,84	812,932
13	24M	465429,363	€165373,164	811,971
14	24M	465456,074	€165351,861	811,009
15	24M	465478,09	€165326,006	809,567
16	24M	465496,725	€165297,034	807,645
17	24M	465508,969	€165268,707	806,203
18	24M	465508,307	€165225,525	801,396
19	24M	465495,65	€165196,55	798,512
20	24M	465478,852	€165166,793	795,628
21	24M	465459,392	€165135,506	792,744
22	24M	465438,832	€165102,049	789,38
23	24M	465417,766	€165066,637	786,496
24	24M	465397,589	€165028,964	783,612
25	24M	465378,671	€164988,994	780,247
26	24M	465362,622	€164946,599	777,363
27	24M	465348,867	€164902,62	775,44
28	24M	465337,886	€164857,903	773,999
29	24M	465330,244	€164812,65	773,037
30	24M	465329,223	€164767,031	773,037
31	24M	465333,01	€164721,574	772,076
32	24M	465337,86	€164676,432	770,153
33	24M	465342,645	€164631,336	768,711
34	24M	465347,282	€164587,353	769,192
35	24M	465352,102	€164544,87	769,192
36	24M	465356,599	€164502,388	769,673
37	24M	465361,244	€164458,729	769,192
38	24M	465365,863	€164413,994	768,711
39	24M	465370,796	€164368,899	768,231
40	24M	465379,002	€164324,093	768,231
41	24M	465390,158	€164280,17	768,231
42	24M	465401,275	€164236,988	769,673
43	24M	465412,097	€164194,862	769,673
44	24M	465422,141	€164153,013	771,115
45	24M	465430,835	€164111,247	772,076
46	24M	465438,993	€164069,23	773,037
47	24M	465447,372	€164027,195	774,479
48	24M	465455,484	€163985,549	775,921
49	24M	465462,477	€163943,402	777,363
50	24M	465468,832	€163900,782	777,363
51	24M	465475,364	€163857,244	777,363
52	24M	465482,016	€163812,512	776,402



Rota01 Gravata.txt

53	24M	465488,66	9163766,583	775,921
54	24M	465495,499	9163720,053	775,921
55	24M	465502,348	9163673,226	776,402
56	24M	465509,335	9163625,918	776,402
57	24M	465516,119	9163578,451	776,883
58	24M	465522,745	9163531,309	777,844
59	24M	465529,436	9163484,64	778,805
60	24M	465535,766	9163438,304	779,766
61	24M	465541,958	9163392,348	781,209
62	24M	465548,047	9163346,79	782,651
63	24M	465554,237	9163301,658	783,612
64	24M	465560,742	9163256,675	783,612
65	24M	465569,03	9163213,055	783,131
66	24M	465584,196	9163172,341	781,209
67	24M	465603,511	9163133,566	778,805
68	24M	465625,479	9163096,878	776,883
69	24M	465652,316	9163065,123	775,921
70	24M	465684,399	9163042,49	776,402
71	24M	465719,829	9163030,988	776,402
72	24M	465757,195	9163029,153	775,44
73	24M	465796,583	9163031,488	773,999
74	24M	465838,013	9163034,881	772,076
75	24M	465880,59	9163038,09	770,634
76	24M	465922,834	9163041,178	769,192
77	24M	465964,477	9163044,219	768,231
78	24M	466005,345	9163045,971	767,27
79	24M	466043,692	9163041,653	766,789
80	24M	466078,809	9163029,983	766,308
81	24M	466108,256	9163007,376	764,386
82	24M	466135,572	9162977,891	761,982
83	24M	466164,433	9162946,814	759,098
84	24M	466194,053	9162914,45	756,695
85	24M	466224,163	9162881,575	755,734
86	24M	466254,015	9162848,97	756,214
87	24M	466283,126	9162816,874	757,656
88	24M	466311,839	9162785,852	759,579
89	24M	466339,831	9162755,302	760,059
90	24M	466368,007	9162724,53	759,579
91	24M	466397,053	9162692,924	757,656
92	24M	466427,052	9162660,087	755,253
93	24M	466457,644	9162626,213	753,811
94	24M	466487,543	9162591,587	752,369
95	24M	466514,456	9162555,032	754,292
96	24M	466538,143	9162518,206	756,695
97	24M	466560,026	9162481,916	757,656
98	24M	466581,956	9162446,071	756,695
99	24M	466603,978	9162409,985	754,292
100	24M	466626,629	9162372,88	751,888
101	24M	466649,919	9162334,95	749,966
102	24M	466673,143	9162297,42	749,966
103	24M	466695,932	9162261,214	749,966
104	24M	466717,213	9162226,916	749,966



105 24M 466737,105 9162194,951 749,966  
106 24M 466754,711 9162167,276 750,447  
107 24M 466772,001 9162140,027 751,888  
108 24M 466774,98 9162124,656 755,734

*[Handwritten signature]*



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
2	1	1	Serra Catolé(Os dois lados)/Serra Areia II/ Serra Gravatá/Escola Gravatá	UTM Z-24M (E)X 463883,35 ; N(Y) 9165457,69	UTM Z-24M E(X)465142,12 ; N(Y)9165644,11	59,83	Carroçável	Micro Ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevilandaencar@gmail.com	LEVANTAMENTO:	 CLEVILAND ALENCAR DE OLIVEIRA TEC. CONS. CIVIL TOPO. ESTRADAS CREA: RNP 060784563-5	
	LOCAL:	SERRA GRAVATÁ (rota 02) - JARDIM - CE	PRANCHA: <b>1 / 2</b>
CONTEÚDO:	PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SERRA GRAVATÁ		
PERCURSO UNITÁRIO : 14,95 km	DATA:	ABRIL / 2018	ESCALA: 1 : 20.000

Serra Catalô (Os dois lados)/Serra Areia II/ Serra Gravata/Escola Gravata

14,95 km

Escola do Gravata

ITEM	PERÍODO	NOTA/TRABETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM /DIA	TIPO DE ESTACIONAMENTO	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
2	1	Serra Catalô (Os dois lados)/Serra Areia II/ Serra Gravata/Escola GRAVATA	UM1234M 000	UM1234M 000	50,84	Carroavel	Moto Onibus	20
1	1		463003,35 / 110	000003,12 / 11				
			915545769	NO19165644,11				

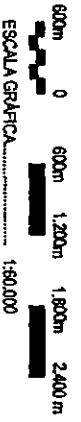
LEVANTAMENTO PLANIMÉTRICO

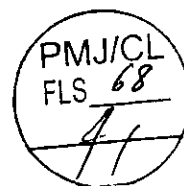
**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
L.TDA.  
(88)  
99888-8559/99652-4881  
clevilandalencar@gmail.com

LEVANTAMENTO:  
**LOCAL:** SERRA GRAVATA (rota 02) - JARDIM - CE  
**PROPRIETÁRIO:** PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHA:  
**212**

CONTEÚDO: PERIS DAS ROTAS ESCOLARES MUNICIPAIS SERRA GRAVATA  
PERCURSO UNITÁRIO : 14,95 km  
DATA: ABRIL / 2018  
ESCALA: 1 : 60.000



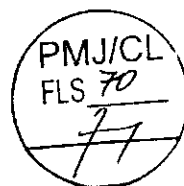


Rcta02 Gravata.txt

R2GR1	24M	463883,351	9165457,658	853,788
R2GR2	24M	463914,610	9165464,047	852,827
R2GR3	24M	463944,572	9165472,956	852,827
R2GR4	24M	463976,420	9165482,246	851,866
R2GR5	24M	464008,947	9165486,523	851,866
R2GR6	24M	464045,729	9165488,488	851,866
R2GR7	24M	464083,187	9165490,461	851,866
R2GR8	24M	464121,354	9165494,762	851,385
R2GR9	24M	464158,819	9165498,496	851,385
R2GR10	24M	464191,755	9165501,097	851,385
R2GR11	24M	464226,703	9165506,618	850,904
R2GR12	24M	464260,128	9165509,682	850,904
R2GR13	24M	464295,402	9165513,396	850,904
R2GR14	24M	464334,432	9165514,389	850,904
R2GR15	24M	464364,208	9165512,882	850,904
R2GR16	24M	464400,456	9165511,843	851,385
R2GR17	24M	464431,830	9165512,209	851,385
R2GR18	24M	464467,171	9165512,383	849,943
R2GR19	24M	464500,189	9165515,744	848,020
R2GR20	24M	464535,314	9165520,588	847,540
R2GR21	24M	464569,423	9165524,449	847,059
R2GR22	24M	464601,515	9165528,819	847,540
R2GR23	24M	464638,555	9165532,173	845,617
R2GR24	24M	464669,835	9165522,448	844,175
R2GR25	24M	464698,029	9165509,125	843,213
R2GR26	24M	464711,911	9165493,271	843,213
R2GR27	24M	464698,812	9165462,460	844,656
R2GR28	24M	464685,726	9165427,869	847,540
R2GR29	24M	464673,680	9165399,394	848,020
R2GR30	24M	464660,488	9165369,732	848,981
R2GR31	24M	464641,924	9165339,872	850,424
R2GR32	24M	464621,555	9165312,726	851,385
R2GR33	24M	464602,314	9165285,274	852,827
R2GR34	24M	464583,637	9165257,934	854,269
R2GR35	24M	464566,557	9165235,265	855,230
R2GR36	24M	464533,498	9165224,131	856,672
R2GR37	24M	464497,912	9165218,452	857,633
R2GR38	24M	464462,484	9165210,837	858,114
R2GR39	24M	464422,885	9165203,830	859,075
R2GR40	24M	464390,896	9165197,802	859,075
R2GR41	24M	464356,235	9165191,503	859,556
R2GR42	24M	464319,512	9165184,378	860,517
R2GR43	24M	464284,192	9165181,433	860,517
R2GR44	24M	464252,790	9165193,057	860,998
R2GR45	24M	464219,704	9165207,478	860,517
R2GR46	24M	464183,968	9165216,366	860,517
R2GR47	24M	464149,546	9165211,494	860,517
R2GR48	24M	464116,628	9165199,025	860,998
R2GR49	24M	464082,074	9165184,924	861,479
R2GR50	24M	464045,847	9165169,700	861,960
R2GR51	24M	464013,005	9165154,599	862,921
R2GR52	24M	463976,987	9165145,556	863,401

Roça02 Gravata.txt

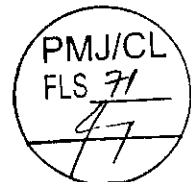
R2GR53	24M	463952,554	9165124,865	863,882
R2GR54	24M	463928,701	9165095,315	864,843
R2GR55	24M	463905,927	9165069,751	865,324
R2GR56	24M	463881,722	9165040,701	866,285
R2GR57	24M	463860,918	9165014,499	867,247
R2GR58	24M	463836,238	9164991,259	868,208
R2GR59	24M	463808,948	9164970,538	869,169
R2GR60	24M	463776,130	9164948,182	869,650
R2GR61	24M	463742,108	9164928,057	870,611
R2GR62	24M	463716,869	9164910,312	871,092
R2GR63	24M	463691,028	9164892,399	871,572
R2GR64	24M	463664,929	9164874,857	871,572
R2GR65	24M	463638,497	9164857,611	871,572
R2GR66	24M	463611,927	9164838,854	872,534
R2GR67	24M	463585,081	9164817,966	872,534
R2GR68	24M	463557,238	9164795,373	873,495
R2GR69	24M	463528,722	9164770,267	874,456
R2GR70	24M	463498,382	9164747,421	874,937
R2GR71	24M	463466,024	9164728,160	875,418
R2GR72	24M	463431,927	9164709,601	875,898
R2GR73	24M	463405,486	9164692,763	876,379
R2GR74	24M	463399,086	9164681,564	875,418
R2GR75	24M	463427,660	9164703,955	875,418
R2GR76	24M	463462,875	9164723,561	875,418
R2GR77	24M	463494,002	9164743,137	875,418
R2GR78	24M	463518,576	9164760,928	874,937
R2GR79	24M	463543,147	9164781,398	874,456
R2GR80	24M	463569,049	9164803,619	873,976
R2GR81	24M	463593,011	9164822,411	873,495
R2GR82	24M	463619,886	9164841,714	873,976
R2GR83	24M	463621,714	9164870,015	872,534
R2GR84	24M	463612,867	9164903,840	874,456
R2GR85	24M	463602,741	9164940,990	874,456
R2GR86	24M	463592,947	9164980,040	873,014
R2GR87	24M	463583,934	9165013,521	871,572
R2GR88	24M	463574,539	9165050,162	869,650
R2GR89	24M	463565,971	9165082,356	868,208
R2GR90	24M	463557,957	9165115,227	866,766
R2GR91	24M	463549,897	9165147,245	864,843
R2GR92	24M	463528,364	9165168,272	863,882
R2GR93	24M	463488,343	9165170,438	862,921
R2GR94	24M	463453,398	9165172,061	861,960
R2GR95	24M	463422,966	9165160,853	861,960
R2GR96	24M	463390,875	9165143,723	861,960
R2GR97	24M	463361,380	9165127,670	862,440
R2GR98	24M	463334,899	9165113,862	863,401
R2GR99	24M	463304,906	9165097,465	863,401
R2GR100	24M	463272,563	9165082,337	863,882
R2GR101	24M	463244,406	9165071,464	865,324
R2GR102	24M	463215,768	9165060,592	864,843
R2GR103	24M	463182,183	9165050,021	865,324
R2GR104	24M	463148,446	9165043,861	865,324



Rota02 Gravata.txt

R2GR105	24M	463110,494	9165037,206	865,324
R2GR106	24M	463069,674	9165031,226	864,843
R2GR107	24M	463026,403	9165026,448	864,363
R2GR108	24M	462984,519	9165021,070	863,882
R2GR109	24M	462946,398	9165017,250	862,921
R2GR110	24M	462909,231	9165011,477	862,921
R2GR111	24M	462881,138	9165001,243	862,440
R2GR112	24M	462900,549	9165010,061	863,882
R2GR113	24M	462935,423	9165016,454	863,882
R2GR114	24M	462974,691	9165020,293	863,401
R2GR115	24M	463008,725	9165024,294	863,401
R2GR116	24M	463047,262	9165028,290	863,401
R2GR117	24M	463086,492	9165032,944	863,401
R2GR118	24M	463125,777	9165039,321	863,882
R2GR119	24M	463163,711	9165045,707	863,882
R2GR120	24M	463195,015	9165053,005	864,363
R2GR121	24M	463230,614	9165065,662	863,882
R2GR122	24M	463257,931	9165075,274	864,363
R2GR123	24M	463286,827	9165087,657	863,401
R2GR124	24M	463316,977	9165104,832	862,921
R2GR125	24M	463352,037	9165121,733	862,440
R2GR126	24M	463385,653	9165139,540	861,960
R2GR127	24M	463413,900	9165154,101	861,960
R2GR128	24M	463449,675	9165167,888	861,479
R2GR129	24M	463483,535	9165169,146	860,998
R2GR130	24M	463518,415	9165167,468	861,479
R2GR131	24M	463553,100	9165167,596	861,479
R2GR132	24M	463547,208	9165169,056	862,921
R2GR133	24M	463545,875	9165147,390	864,363
R2GR134	24M	463553,759	9165115,631	863,401
R2GR135	24M	463562,160	9165084,679	863,882
R2GR136	24M	463572,145	9165049,567	865,324
R2GR137	24M	463582,103	9165013,196	866,766
R2GR138	24M	463591,061	9164980,455	867,727
R2GR139	24M	463600,685	9164945,093	868,689
R2GR140	24M	463611,116	9164907,582	871,092
R2GR141	24M	463621,102	9164871,367	872,534
R2GR142	24M	463638,441	9164857,954	872,534
R2GR143	24M	463671,777	9164879,301	871,092
R2GR144	24M	463702,867	9164900,266	870,611
R2GR145	24M	463729,410	9164919,004	870,130
R2GR146	24M	463759,087	9164937,883	869,169
R2GR147	24M	463787,868	9164955,381	868,689
R2GR148	24M	463814,669	9164973,962	867,727
R2GR149	24M	463839,575	9164992,559	867,247
R2GR150	24M	463863,543	9165016,021	866,766
R2GR151	24M	463882,038	9165038,969	866,285
R2GR152	24M	463903,665	9165065,042	865,805
R2GR153	24M	463927,326	9165091,895	864,843
R2GR154	24M	463951,051	9165118,794	863,882
R2GR155	24M	463976,205	9165139,328	863,882
R2GR156	24M	464004,389	9165151,748	862,921





Rotã02 Gravata.txt

R2GR157	24M	464037,353	9165165,765	861,479
R2GR158	24M	464066,813	9165177,703	860,517
R2GR159	24M	464098,677	9165190,598	860,517
R2GR160	24M	464131,086	9165203,502	860,037
R2GR161	24M	464162,935	9165212,375	860,037
R2GR162	24M	464201,357	9165210,152	860,037
R2GR163	24M	464229,512	9165199,248	859,556
R2GR164	24M	464256,327	9165186,657	859,556
R2GR165	24M	464290,953	9165179,112	858,595
R2GR166	24M	464320,141	9165183,729	858,114
R2GR167	24M	464353,619	9165189,926	857,633
R2GR168	24M	464388,927	9165196,855	856,672
R2GR169	24M	464423,237	9165203,460	856,191
R2GR170	24M	464455,254	9165209,238	855,711
R2GR171	24M	464484,626	9165215,820	854,749
R2GR172	24M	464520,776	9165223,037	854,269
R2GR173	24M	464549,640	9165228,285	852,827
R2GR174	24M	464552,322	9165203,379	854,269
R2GR175	24M	464543,847	9165171,423	854,269
R2GR176	24M	464534,375	9165138,177	855,230
R2GR177	24M	464523,739	9165104,681	855,711
R2GR178	24M	464505,927	9165070,596	856,191
R2GR179	24M	464496,803	9165041,966	856,191
R2GR180	24M	464488,778	9165003,431	856,672
R2GR181	24M	464477,516	9164964,383	858,114
R2GR182	24M	464466,722	9164932,064	858,114
R2GR183	24M	464457,639	9164897,707	858,114
R2GR184	24M	464450,343	9164861,304	858,595
R2GR185	24M	464443,112	9164823,853	860,037
R2GR186	24M	464435,881	9164785,347	860,998
R2GR187	24M	464428,254	9164746,636	861,960
R2GR188	24M	464422,522	9164707,880	862,440
R2GR189	24M	464423,407	9164673,299	862,440
R2GR190	24M	464428,202	9164641,603	863,882
R2GR191	24M	464438,944	9164607,965	863,882
R2GR192	24M	464448,555	9164577,115	863,882
R2GR193	24M	464459,009	9164545,256	863,401
R2GR194	24M	464460,447	9164514,410	863,401
R2GR195	24M	464463,331	9164477,699	863,401
R2GR196	24M	464461,370	9164440,734	863,882
R2GR197	24M	464450,861	9164410,954	864,363
R2GR198	24M	464436,154	9164379,178	864,363
R2GR199	24M	464420,941	9164345,818	864,363
R2GR200	24M	464405,386	9164311,400	864,843
R2GR201	24M	464391,439	9164278,430	864,843
R2GR202	24M	464375,909	9164247,497	865,324
R2GR203	24M	464360,436	9164214,822	864,843
R2GR204	24M	464350,648	9164184,616	865,805
R2GR205	24M	464338,056	9164157,391	866,766
R2GR206	24M	464324,374	9164128,276	867,247
R2GR207	24M	464315,708	9164093,345	867,247
R2GR208	24M	464309,277	9164062,400	866,766



Rota02 Gravata.txt

R2GR209	24M	464301,618	€164028,257	867,727
R2GR210	24M	464295,885	€163992,429	868,208
R2GR211	24M	464294,886	€163955,632	869,650
R2GR212	24M	464294,904	€163917,992	870,130
R2GR213	24M	464289,153	€163879,996	870,130
R2GR214	24M	464277,725	€163842,191	870,611
R2GR215	24M	464258,926	€163806,187	871,092
R2GR216	24M	464233,400	€163776,793	871,572
R2GR217	24M	464208,289	€163748,985	872,534
R2GR218	24M	464186,212	€163718,974	873,495
R2GR219	24M	464172,378	€163684,400	873,495
R2GR220	24M	464173,978	€163646,882	873,976
R2GR221	24M	464181,403	€163609,174	873,976
R2GR222	24M	464188,708	€163570,687	873,976
R2GR223	24M	464196,623	€163534,471	873,495
R2GR224	24M	464206,241	€163507,337	873,976
R2GR225	24M	464221,613	€163475,890	873,014
R2GR226	24M	464237,764	€163441,932	873,014
R2GR227	24M	464251,693	€163412,763	872,534
R2GR228	24M	464265,031	€163381,193	872,053
R2GR229	24M	464275,036	€163342,958	872,053
R2GR230	24M	464282,466	€163312,098	872,053
R2GR231	24M	464292,235	€163279,497	872,053
R2GR232	24M	464301,286	€163243,903	872,053
R2GR233	24M	464310,542	€163206,993	872,053
R2GR234	24M	464321,378	€163170,622	872,053
R2GR235	24M	464333,360	€163134,399	872,053
R2GR236	24M	464344,276	€163102,661	872,534
R2GR237	24M	464354,568	€163076,862	872,053
R2GR238	24M	464365,907	€163047,283	872,053
R2GR239	24M	464378,111	€163012,155	872,534
R2GR240	24M	464390,823	€162977,073	873,495
R2GR241	24M	464402,635	€162946,234	873,495
R2GR242	24M	464413,643	€162914,802	873,976
R2GR243	24M	464424,633	€162881,850	873,976
R2GR244	24M	464436,254	€162847,119	874,456
R2GR245	24M	464448,837	€162811,555	874,456
R2GR246	24M	464460,413	€162774,322	874,937
R2GR247	24M	464468,893	€162735,299	875,418
R2GR248	24M	464475,467	€162697,729	875,898
R2GR249	24M	464485,479	€162662,237	875,898
R2GR250	24M	464494,972	€162628,663	876,379
R2GR251	24M	464504,623	€162594,978	877,341
R2GR252	24M	464513,377	€162560,524	877,341
R2GR253	24M	464524,628	€162525,172	878,302
R2GR254	24M	464536,137	€162490,237	878,783
R2GR255	24M	464546,467	€162462,344	879,263
R2GR256	24M	464555,970	€162428,696	879,744
R2GR257	24M	464561,060	€162396,907	879,744
R2GR258	24M	464566,452	€162357,270	880,224
R2GR259	24M	464571,794	€162323,220	880,705
R2GR260	24M	464579,740	€162293,351	881,666



Rota02 Gravata.txt

R2GR261	24M	464591,052	9162263,439	881,666
R2GR262	24M	464603,288	9162233,814	882,147
R2GR263	24M	464614,370	9162201,307	882,147
R2GR264	24M	464624,875	9162174,471	881,666
R2GR265	24M	464655,752	9162181,211	882,628
R2GR266	24M	464685,420	9162197,551	882,147
R2GR267	24M	464711,363	9162213,008	881,666
R2GR268	24M	464739,071	9162229,624	881,186
R2GR269	24M	464763,314	9162242,457	881,186
R2GR270	24M	464794,819	9162263,617	880,224
R2GR271	24M	464827,942	9162283,749	879,744
R2GR272	24M	464860,207	9162301,962	879,263
R2GR273	24M	464895,570	9162319,446	878,783
R2GR274	24M	464931,896	9162336,022	878,302
R2GR275	24M	464961,456	9162348,739	877,821
R2GR276	24M	464994,157	9162365,025	877,821
R2GR277	24M	465018,233	9162378,006	876,860
R2GR278	24M	465049,452	9162398,832	876,379
R2GR279	24M	465079,635	9162418,674	875,898
R2GR280	24M	465109,613	9162442,205	875,898
R2GR281	24M	465137,632	9162463,018	875,898
R2GR282	24M	465165,079	9162483,711	874,937
R2GR283	24M	465190,362	9162503,754	873,976
R2GR284	24M	465216,928	9162526,318	873,014
R2GR285	24M	465242,754	9162550,439	872,534
R2GR286	24M	465266,984	9162568,711	871,572
R2GR287	24M	465298,268	9162589,388	871,092
R2GR288	24M	465325,643	9162605,735	870,130
R2GR289	24M	465355,145	9162622,380	868,689
R2GR290	24M	465380,126	9162638,892	866,766
R2GR291	24M	465402,198	9162662,417	866,766
R2GR292	24M	465390,895	9162694,192	865,805
R2GR293	24M	465375,867	9162722,675	865,805
R2GR294	24M	465361,120	9162748,100	865,805
R2GR295	24M	465338,389	9162777,893	865,805
R2GR296	24M	465316,244	9162791,202	865,805
R2GR297	24M	465287,703	9162775,790	866,285
R2GR298	24M	465261,307	9162759,611	867,247
R2GR299	24M	465228,648	9162749,070	868,208
R2GR300	24M	465203,436	9162770,809	868,689
R2GR301	24M	465176,440	9162791,629	868,689
R2GR302	24M	465148,608	9162818,008	868,689
R2GR303	24M	465126,208	9162839,156	868,689
R2GR304	24M	465099,986	9162863,480	868,689
R2GR305	24M	465073,303	9162886,589	868,208
R2GR306	24M	465050,865	9162908,756	868,208
R2GR307	24M	465032,067	9162934,734	868,208
R2GR308	24M	465010,042	9162959,709	868,208
R2GR309	24M	464992,197	9162984,530	865,805
R2GR310	24M	464980,073	9163012,561	864,843
R2GR311	24M	464961,682	9163038,790	864,363
R2GR312	24M	464938,261	9163063,977	864,363



Rota02 Gravata.txt

R2GR313	24M	464917,996	9163084,811	863,882
R2GR314	24M	464894,189	9163107,422	863,882
R2GR315	24M	464870,483	9163130,718	863,401
R2GR316	24M	464845,547	9163153,050	862,921
R2GR317	24M	464819,145	9163171,564	862,921
R2GR318	24M	464792,109	9163196,099	862,440
R2GR319	24M	464766,710	9163207,163	862,921
R2GR320	24M	464731,610	9163195,999	863,882
R2GR321	24M	464701,518	9163176,981	865,324
R2GR322	24M	464670,494	9163155,396	865,805
R2GR323	24M	464641,596	9163134,887	867,247
R2GR324	24M	464614,453	9163116,964	868,689
R2GR325	24M	464583,270	9163096,908	869,650
R2GR326	24M	464555,626	9163081,663	870,130
R2GR327	24M	464526,521	9163065,620	871,092
R2GR328	24M	464495,539	9163049,557	872,053
R2GR329	24M	464465,185	9163035,246	873,014
R2GR330	24M	464429,425	9163028,603	873,976
R2GR331	24M	464395,563	9163031,210	873,976
R2GR332	24M	464369,528	9163039,697	874,456
R2GR333	24M	464355,672	9163071,424	873,976
R2GR334	24M	464343,610	9163103,541	875,898
R2GR335	24M	464333,359	9163135,632	876,860
R2GR336	24M	464322,488	9163169,473	876,860
R2GR337	24M	464311,643	9163205,937	876,379
R2GR338	24M	464302,183	9163244,330	876,379
R2GR339	24M	464292,981	9163283,899	876,860
R2GR340	24M	464280,889	9163317,962	876,860
R2GR341	24M	464274,179	9163351,872	876,379
R2GR342	24M	464263,546	9163388,800	876,379
R2GR343	24M	464249,462	9163416,050	876,860
R2GR344	24M	464233,032	9163451,528	877,821
R2GR345	24M	464219,278	9163482,764	877,821
R2GR346	24M	464204,321	9163514,768	878,783
R2GR347	24M	464193,560	9163549,545	879,263
R2GR348	24M	464185,929	9163590,070	879,263
R2GR349	24M	464178,506	9163625,378	879,263
R2GR350	24M	464171,554	9163661,076	878,302
R2GR351	24M	464175,818	9163696,477	877,341
R2GR352	24M	464193,888	9163730,303	876,379
R2GR353	24M	464220,041	9163762,050	874,937
R2GR354	24M	464247,334	9163789,730	873,495
R2GR355	24M	464267,885	9163820,528	872,053
R2GR356	24M	464282,754	9163856,048	871,572
R2GR357	24M	464291,983	9163891,637	871,092
R2GR358	24M	464294,786	9163928,204	870,130
R2GR359	24M	464294,777	9163964,166	869,650
R2GR360	24M	464297,477	9164001,752	869,650
R2GR361	24M	464304,975	9164040,908	869,650
R2GR362	24M	464312,129	9164081,305	869,169
R2GR363	24M	464320,266	9164118,691	868,689
R2GR364	24M	464330,858	9164149,537	867,727



Rota02 Gravata.txt

R2GR365	24M	464345,032	9164175,605	866,766
R2GR366	24M	464358,191	9164212,615	866,285
R2GR367	24M	464370,467	9164241,701	866,285
R2GR368	24M	464387,077	9164275,128	865,324
R2GR369	24M	464405,006	9164312,317	865,324
R2GR370	24M	464416,766	9164339,550	865,324
R2GR371	24M	464435,543	9164380,531	864,363
R2GR372	24M	464454,542	9164421,316	865,324
R2GR373	24M	464464,314	9164461,808	864,843
R2GR374	24M	464461,588	9164496,971	864,843
R2GR375	24M	464461,619	9164529,598	865,324
R2GR376	24M	464453,762	9164563,979	866,285
R2GR377	24M	464443,084	9164599,174	864,363
R2GR378	24M	464433,177	9164629,319	863,401
R2GR379	24M	464426,958	9164661,367	862,440
R2GR380	24M	464423,780	9164694,677	860,998
R2GR381	24M	464426,428	9164727,046	860,517
R2GR382	24M	464432,393	9164763,531	860,998
R2GR383	24M	464439,234	9164803,205	860,517
R2GR384	24M	464446,695	9164841,601	860,998
R2GR385	24M	464454,306	9164878,931	860,998
R2GR386	24M	464460,250	9164917,734	860,998
R2GR387	24M	464471,384	9164954,557	861,479
R2GR388	24M	464482,974	9164986,006	861,479
R2GR389	24M	464493,446	9165018,112	861,479
R2GR390	24M	464501,279	9165053,709	860,998
R2GR391	24M	464513,932	9165086,707	860,037
R2GR392	24M	464530,332	9165116,223	859,556
R2GR393	24M	464539,702	9165150,663	860,517
R2GR394	24M	464547,988	9165186,826	859,556
R2GR395	24M	464557,390	9165214,901	858,114
R2GR396	24M	464572,310	9165245,036	857,153
R2GR397	24M	464591,984	9165274,212	855,711
R2GR398	24M	464611,206	9165302,229	854,269
R2GR399	24M	464632,038	9165329,190	852,827
R2GR400	24M	464650,410	9165355,270	851,385
R2GR401	24M	464669,831	9165389,041	849,943
R2GR402	24M	464684,907	9165422,633	848,501
R2GR403	24M	464698,833	9165459,236	846,578
R2GR404	24M	464710,332	9165490,481	844,656
R2GR405	24M	464728,733	9165516,051	843,694
R2GR406	24M	464755,491	9165530,702	842,733
R2GR407	24M	464789,884	9165538,835	841,291
R2GR408	24M	464818,146	9165558,593	838,888
R2GR409	24M	464844,644	9165575,421	836,965
R2GR410	24M	464871,852	9165595,326	835,043
R2GR411	24M	464895,632	9165611,912	833,120
R2GR412	24M	464927,303	9165623,268	830,717
R2GR413	24M	464961,699	9165638,916	827,352
R2GR414	24M	464991,647	9165656,071	824,949
R2GR415	24M	465019,208	9165673,474	822,065
R2GR416	24M	465046,022	9165688,255	819,181

PMJ/CL  
FLS 76  
47

Rota02 Gravata.txt

R2GR417	24M	465076,275	9165679,965	816,777
R2GR418	24M	465101,496	9165659,978	816,297
R2GR419	24M	465125,265	9165640,990	814,374
R2GR420	24M	465153,113	9165632,494	814,374
R2GR421	24M	465160,627	9165663,458	814,855
R2GR422	24M	465157,321	9165708,879	814,855
R2GR423	24M	465154,958	9165753,791	812,932
R2GR424	24M	465153,258	9165790,132	811,971
R2GR425	24M	465151,898	9165829,142	811,971
R2GR426	24M	465150,112	9165869,681	812,932
R2GR427	24M	465147,880	9165911,924	814,374
R2GR428	24M	465145,935	9165955,140	815,816
R2GR429	24M	465144,267	9165999,080	817,258
R2GR430	24M	465142,228	9166043,658	819,181
R2GR431	24M	465140,374	9166088,395	821,103
R2GR432	24M	465138,557	9166132,732	823,026
R2GR433	24M	465136,799	9166172,530	824,949
R2GR434	24M	465135,307	9166202,866	825,910
R2GR435	24M	465128,644	9166235,238	827,352
R2GR436	24M	465108,505	9166259,510	826,871
R2GR437	24M	465086,257	9166284,272	825,910
R2GR438	24M	465061,030	9166312,877	824,949
R2GR439	24M	465039,522	9166337,130	824,468
R2GR440	24M	465012,800	9166360,832	823,507
R2GR441	24M	464988,973	9166382,146	822,545
R2GR442	24M	464962,611	9166405,987	821,584
R2GR443	24M	464931,226	9166433,393	821,103
R2GR444	24M	464904,503	9166457,067	820,623
R2GR445	24M	464877,262	9166481,417	820,142
R2GR446	24M	464854,130	9166501,165	819,661
R2GR447	24M	464827,222	9166526,035	819,181
R2GR448	24M	464797,714	9166551,996	818,219
R2GR449	24M	464776,321	9166572,116	817,739
R2GR450	24M	464757,184	9166590,764	816,777
R2GR451	24M	464730,777	9166613,531	816,297
R2GR452	24M	464705,359	9166636,057	816,777
R2GR453	24M	464675,019	9166661,480	816,777
R2GR454	24M	464650,020	9166680,671	817,258
R2GR455	24M	464625,054	9166703,308	817,258
R2GR456	24M	464602,707	9166725,568	817,258
R2GR457	24M	464579,076	9166743,629	817,258
R2GR458	24M	464549,505	9166768,432	818,700
R2GR459	24M	464525,502	9166789,291	822,545
R2GR460	24M	464500,549	9166807,824	823,507
R2GR461	24M	464472,166	9166826,326	823,507
R2GR462	24M	464442,037	9166854,019	823,507
R2GR463	24M	464423,536	9166876,439	823,026
R2GR464	24M	464394,631	9166911,954	822,545
R2GR465	24M	464371,921	9166936,048	822,065
R2GR466	24M	464350,646	9166957,678	822,065
R2GR467	24M	464322,820	9166984,622	822,065
R2GR468	24M	464304,925	9167011,491	821,584

R2GR469	24M	464294,603	9167040,097	821,584
R2GR470	24M	464287,671	9167073,497	821,103
R2GR471	24M	464279,827	9167113,642	819,661
R2GR472	24M	464274,108	9167157,226	818,700
R2GR473	24M	464270,044	9167187,654	818,700
R2GR474	24M	464265,657	9167217,859	818,700
R2GR475	24M	464253,484	9167248,706	819,661
R2GR476	24M	464240,043	9167279,507	820,142
R2GR477	24M	464226,029	9167310,334	820,623
R2GR478	24M	464208,642	9167339,028	820,623
R2GR479	24M	464187,317	9167365,217	821,103
R2GR480	24M	464170,777	9167386,564	820,623
R2GR481	24M	464154,304	9167415,944	819,661
R2GR482	24M	464137,340	9167446,557	819,661
R2GR483	24M	464121,148	9167471,944	819,661
R2GR484	24M	464097,531	9167496,407	820,142
R2GR485	24M	464069,508	9167515,104	821,584
R2GR486	24M	464039,138	9167529,370	822,065
R2GR487	24M	464010,102	9167542,312	823,507
R2GR488	24M	463982,546	9167554,208	824,949
R2GR489	24M	463951,551	9167564,174	825,429
R2GR490	24M	463917,563	9167569,986	825,429
R2GR491	24M	463882,608	9167582,729	825,429
R2GR492	24M	463850,480	9167599,727	825,429
R2GR493	24M	463814,316	9167621,948	825,429
R2GR494	24M	463775,562	9167644,779	825,910
R2GR495	24M	463738,592	9167669,742	826,390
R2GR496	24M	463707,665	9167700,261	827,352
R2GR497	24M	463683,985	9167721,555	827,352
R2GR498	24M	463660,638	9167742,739	826,871
R2GR499	24M	463637,300	9167764,303	826,871
R2GR500	24M	463613,953	9167785,922	827,352
R2GR501	24M	463591,235	9167808,190	827,352
R2GR502	24M	463563,826	9167844,317	827,352
R2GR503	24M	463542,751	9167881,802	827,832
R2GR504	24M	463524,481	9167915,786	827,832
R2GR505	24M	463504,647	9167950,566	827,832
R2GR506	24M	463485,666	9167981,955	827,832
R2GR507	24M	463453,004	9168007,431	827,352
R2GR508	24M	463417,754	9168031,042	826,390
R2GR509	24M	463395,140	9168049,178	826,390
R2GR510	24M	463361,689	9168077,498	826,390
R2GR511	24M	463329,477	9168106,653	825,910
R2GR512	24M	463304,503	9168127,678	825,429
R2GR513	24M	463278,482	9168150,045	825,910
R2GR514	24M	463252,351	9168172,107	825,910
R2GR515	24M	463226,034	9168195,002	825,429
R2GR516	24M	463200,863	9168218,974	825,429
R2GR517	24M	463178,182	9168240,389	825,910
R2GR518	24M	463143,283	9168263,723	826,871
R2GR519	24M	463110,823	9168290,246	826,871
R2GR520	24M	463089,410	9168309,290	826,871

Rota02 Gravata.txt

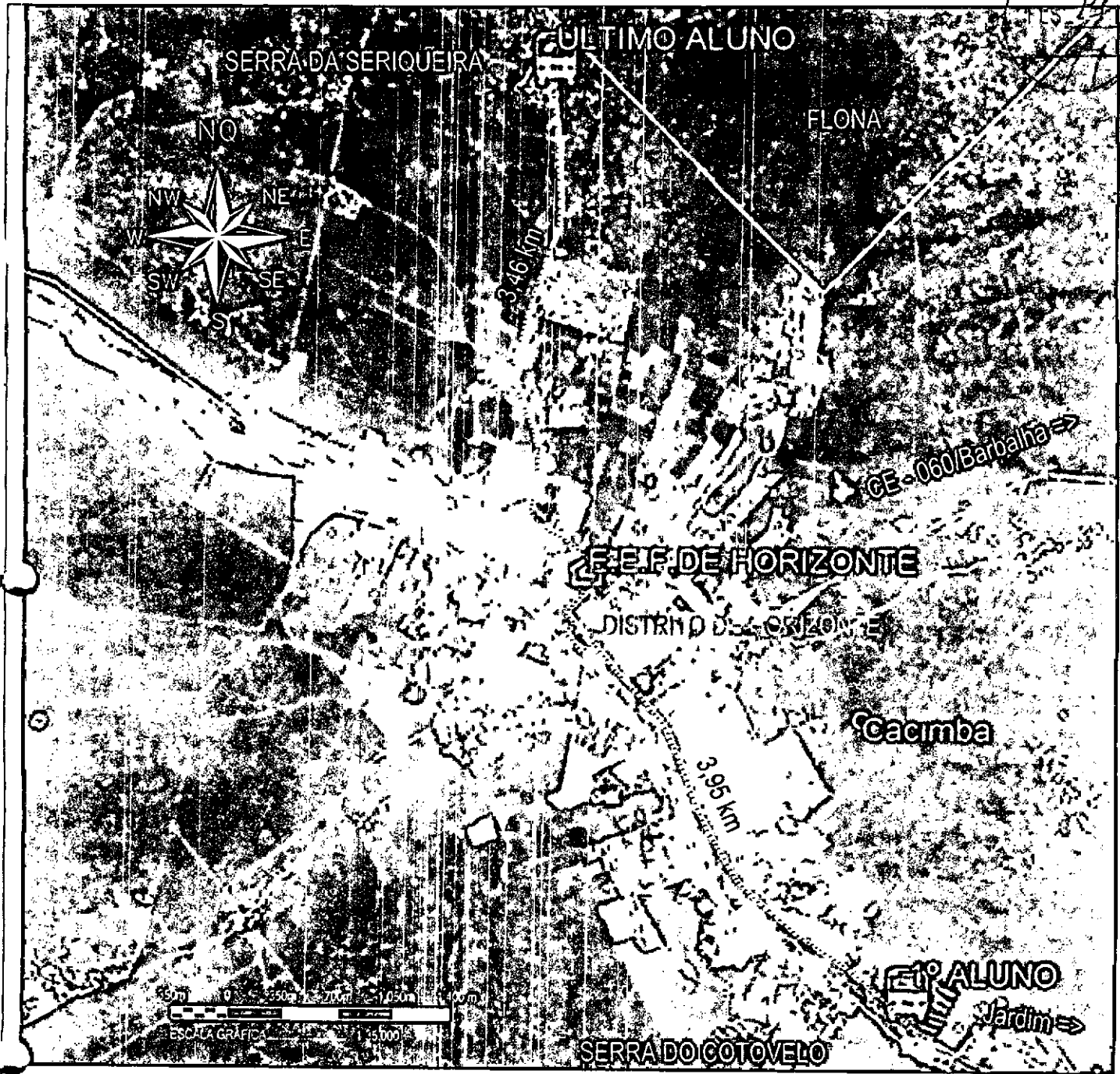


PMJ/CL  
FLS 78  
97

Rota02 Gravata.txt

R2GR521	24M	463056,448	9168339,195	826,871
R2GR522	24M	463031,050	9168357,597	827,352
R2GR523	24M	462998,889	9168379,598	827,352
R2GR524	24M	462967,128	9168399,172	827,352
R2GR525	24M	462930,644	9168415,685	826,871
R2GR526	24M	462890,729	9168431,796	827,352
R2GR527	24M	462862,229	9168442,958	827,832
R2GR528	24M	462833,064	9168453,814	827,832
R2GR529	24M	462802,531	9168463,141	828,313
R2GR530	24M	462772,303	9168473,505	828,313
R2GR531	24M	462733,572	9168488,653	828,794
R2GR532	24M	462708,578	9168498,993	828,794
R2GR533	24M	462667,173	9168517,021	829,274
R2GR534	24M	462637,062	9168531,074	829,755
R2GR535	24M	462604,610	9168546,940	830,717
R2GR536	24M	462565,228	9168566,943	831,197
R2GR537	24M	462537,530	9168581,915	831,678
R2GR538	24M	462508,323	9168597,988	832,158
R2GR539	24M	462477,793	9168615,366	832,639
R2GR540	24M	462446,302	9168632,586	832,639
R2GR541	24M	462414,273	9168650,047	833,120
R2GR542	24M	462381,968	9168667,924	833,120
R2GR543	24M	462349,069	9168686,144	832,639
R2GR544	24M	462315,265	9168704,223	832,639
R2GR545	24M	462281,193	9168722,164	832,639
R2GR546	24M	462246,474	9168739,094	832,639
R2GR547	24M	462211,404	9168755,524	832,639
R2GR548	24M	462176,983	9168770,805	832,639
R2GR549	24M	462143,264	9168785,299	832,639
R2GR550	24M	462109,925	9168799,496	833,120
R2GR551	24M	462078,120	9168816,206	833,120
R2GR552	24M	462047,866	9168834,363	832,639
R2GR553	24M	462025,161	9168849,523	833,120
R2GR554	24M	461991,597	9168867,668	834,081
R2GR555	24M	461962,955	9168882,434	834,081
R2GR556	24M	461932,287	9168898,404	834,081
R2GR557	24M	461900,896	9168917,394	834,081
R2GR558	24M	461871,668	9168935,532	834,081
R2GR559	24M	461838,047	9168955,428	834,562
R2GR560	24M	461802,779	9168977,037	834,562
R2GR561	24M	461767,048	9168998,562	834,081
R2GR562	24M	461734,001	9169018,190	834,562
R2GR563	24M	461708,704	9169035,674	834,562
R2GR564	24M	461695,674	9169048,238	835,043





ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
3	1	1	Serra Cotovelo/Escola do Distrito e Horizonte/Serra de Seriqueira/Escola do Distrito e Horizonte	UTM Z 24M E(X)461697,40, N(Y) 9169046,46 e UTM Z-24M E(X)459431,14; N(Y)9174905,16	UTM Z 24M E(X)459643,05 ; N(Y)9171760,972	29,66	Carroçável	Micro Ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODÉSIA  
LTDA.

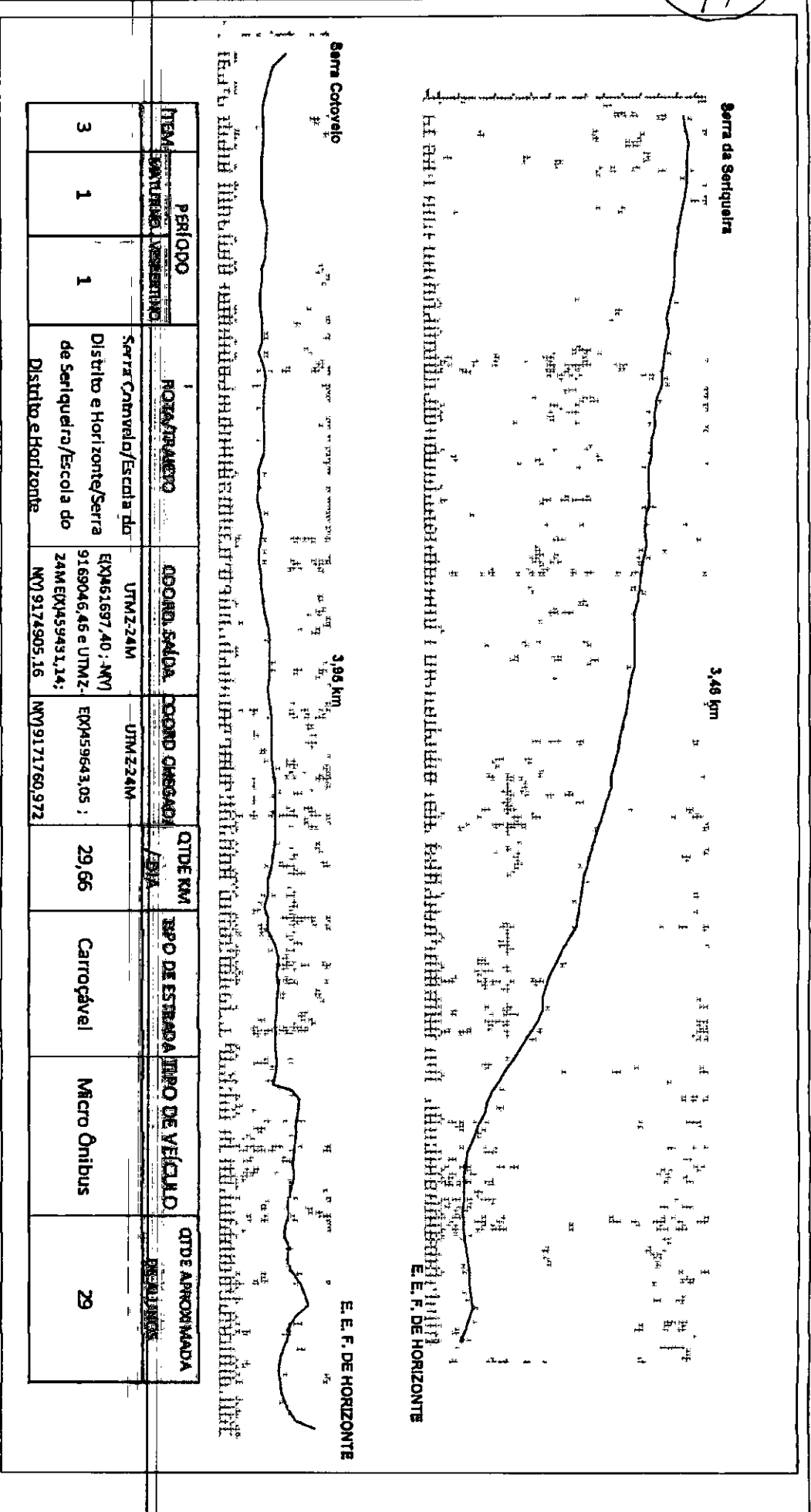
(88)  
99688-8559/99652-4881  
clevilandalencar@gmail.com

LEVANTAMENTO:  
  
 CLEVILAND ALENCAR DE OLIVEIRA  
 TEC. CONS. CIVIL TOPO ESTRADAS  
 CREA: RNP 060784563-5

LOCAL: **DISTRITO DE HORIZONTE (rota 03) - JARDIM - CE**  
 PROPRIETÁRIO: **PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)**  
 PRANCHA: **1 / 2**

CONTEÚDO: **PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS DISTRITO DE HORIZONTE**

PERCURSO UNITÁRIO : **7,41 km**      DATA: **ABRIL / 2018**      ESCALA: **1 : 35.000**



ITEM	PERÍODO	ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA
3	1	Serra Cotovelo/Escola do Distrito e Horizonte/Serra de Serqueira/Escola do Distrito e Horizonte	UTM:Z-24M EQU61697,40 ; NVJ 9169046,46 e UTM:Z-24M EQU45943,05 ; NVJ 91274905,16	UTM:Z-24M EQU459643,05 ; NVJ 91274905,16	29,66	Carroçável	Micro Ônibus	29

LEVANTAMENTO PLANIMÉTRICO

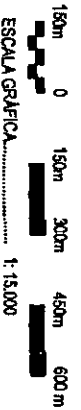
**TOPOGEO** LEVANTAMENTO:  
**TOPOGRAFIA E GEODESIA**  
 LTDA.  
 (88)  
 99688-8559/99652-4881  
 cleviland@lencar@gmail.com

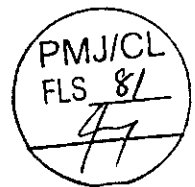
**LOCAL:** DISTRITO DE HORIZONTE (rota 03) - JARDIM - CE  
 PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

**CONTEÚDO:** PERIS DAS ROTAS ESCOLARES MUNICIPAIS DISTRITO DE HORIZONTE

PRANCHA: 2/2

PERCURSO UNITÁRIO : 7,41 km DATA: ABRIL / 2018 ESCALA: 1 : 15.000





Rota Horizonte01.txt

1	24M	461697,404	9169046,460	833,120
2	24M	461673,381	9169067,040	829,755
3	24M	461649,450	9169088,954	828,794
4	24M	461624,545	9169113,731	827,832
5	24M	461596,076	9169143,982	826,871
6	24M	461572,891	9169168,723	826,871
7	24M	461548,291	9169193,722	826,871
8	24M	461520,705	9169218,441	826,871
9	24M	461491,425	9169243,919	826,390
10	24M	461460,009	9169270,757	826,390
11	24M	461438,105	9169288,957	826,390
12	24M	461404,820	9169316,052	826,390
13	24M	461372,620	9169339,656	827,352
14	24M	461341,528	9169364,409	827,832
15	24M	461310,465	9169388,578	827,352
16	24M	461280,038	9169413,953	827,352
17	24M	461255,684	9169432,068	826,390
18	24M	461227,169	9169449,753	826,390
19	24M	461199,466	9169468,847	825,910
20	24M	461167,092	9169489,976	825,910
21	24M	461138,817	9169508,013	826,390
22	24M	461113,215	9169524,820	826,390
23	24M	461086,872	9169543,878	826,390
24	24M	461060,653	9169557,571	825,429
25	24M	461028,611	9169579,562	826,871
26	24M	460999,225	9169598,756	827,352
27	24M	460970,233	9169623,743	826,871
28	24M	460943,573	9169645,210	826,871
29	24M	460913,609	9169670,130	826,871
30	24M	460880,739	9169697,458	826,871
31	24M	460847,008	9169726,527	826,871
32	24M	460813,628	9169755,855	825,429
33	24M	460780,277	9169784,109	825,429
34	24M	460747,342	9169811,084	824,949
35	24M	460716,518	9169836,134	825,910
36	24M	460691,040	9169859,427	826,390
37	24M	460666,219	9169883,268	825,910
38	24M	460643,025	9169906,090	825,429
39	24M	460621,524	9169929,294	825,429
40	24M	460603,869	9169953,307	825,910
41	24M	460588,072	9169978,424	825,910
42	24M	460571,281	9170009,119	826,390
43	24M	460551,926	9170042,935	826,871
44	24M	460528,500	9170078,452	827,832
45	24M	460510,099	9170110,582	828,313
46	24M	460491,964	9170144,222	828,313
47	24M	460477,186	9170168,052	828,313
48	24M	460460,520	9170192,668	828,313
49	24M	460442,702	9170223,807	827,832
50	24M	460422,596	9170258,576	828,313
51	24M	460406,434	9170288,604	828,794
52	24M	460390,511	9170321,440	828,794

Rota Horizonte01.txt

53	24M	460374,335	9170357,010	828,794
54	24M	460358,308	9170392,014	828,794
55	24M	460343,371	9170427,686	829,274
56	24M	460330,015	9170463,656	829,755
57	24M	460317,289	9170499,710	829,755
58	24M	460303,507	9170536,125	829,755
59	24M	460291,539	9170572,466	829,755
60	24M	460278,655	9170608,177	829,755
61	24M	460266,845	9170642,777	829,274
62	24M	460252,420	9170674,447	828,794
63	24M	460237,717	9170706,848	827,832
64	24M	460221,422	9170740,657	827,832
65	24M	460207,410	9170776,191	826,871
66	24M	460196,014	9170802,201	827,832
67	24M	460183,788	9170836,754	827,832
68	24M	460168,159	9170870,971	829,755
69	24M	460150,116	9170904,398	830,717
70	24M	460127,959	9170937,591	830,236
71	24M	460105,387	9170968,577	830,717
72	24M	460081,063	9170993,317	830,236
73	24M	460060,931	9171015,196	830,236
74	24M	460039,841	9171043,506	829,755
75	24M	460020,590	9171072,929	829,755
76	24M	459995,214	9171095,008	829,755
77	24M	459967,955	9171123,915	830,236
78	24M	459942,948	9171147,801	829,755
79	24M	459925,035	9171169,238	829,274
80	24M	459917,268	9171179,397	834,081
81	24M	459897,259	9171196,690	836,484
82	24M	459871,454	9171223,133	836,004
83	24M	459849,555	9171245,771	835,523
84	24M	459830,283	9171267,076	835,523
85	24M	459805,334	9171297,903	835,043
86	24M	459779,923	9171329,008	834,562
87	24M	459759,706	9171352,008	835,043
88	24M	459734,332	9171382,946	834,081
89	24M	459708,876	9171411,780	833,120
90	24M	459690,659	9171432,512	833,600
91	24M	459665,267	9171417,026	832,639
92	24M	459641,139	9171395,332	832,158
93	24M	459619,413	9171376,744	833,600
94	24M	459599,406	9171403,414	833,120
95	24M	459577,248	9171424,504	834,081
96	24M	459556,270	9171451,887	836,484
97	24M	459532,989	9171477,878	837,926
98	24M	459516,978	9171502,967	838,888
99	24M	459538,740	9171523,603	835,523
100	24M	459559,707	9171544,423	833,600
101	24M	459563,508	9171566,072	833,600
102	24M	459539,174	9171591,599	832,158
103	24M	459518,311	9171612,931	831,197
104	24M	459536,403	9171642,617	830,717



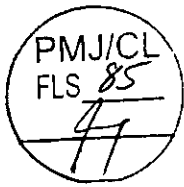
Rcta Horizonte01.txt

105	24M	459557,589	9171665,439	831,197
106	24M	459580,678	9171691,979	831,678
107	24M	459605,634	9171719,168	833,120
108	24M	459629,474	9171743,753	835,523
109	24M	459640,417	9171762,758	840,810



Rota Horizonte02.txt

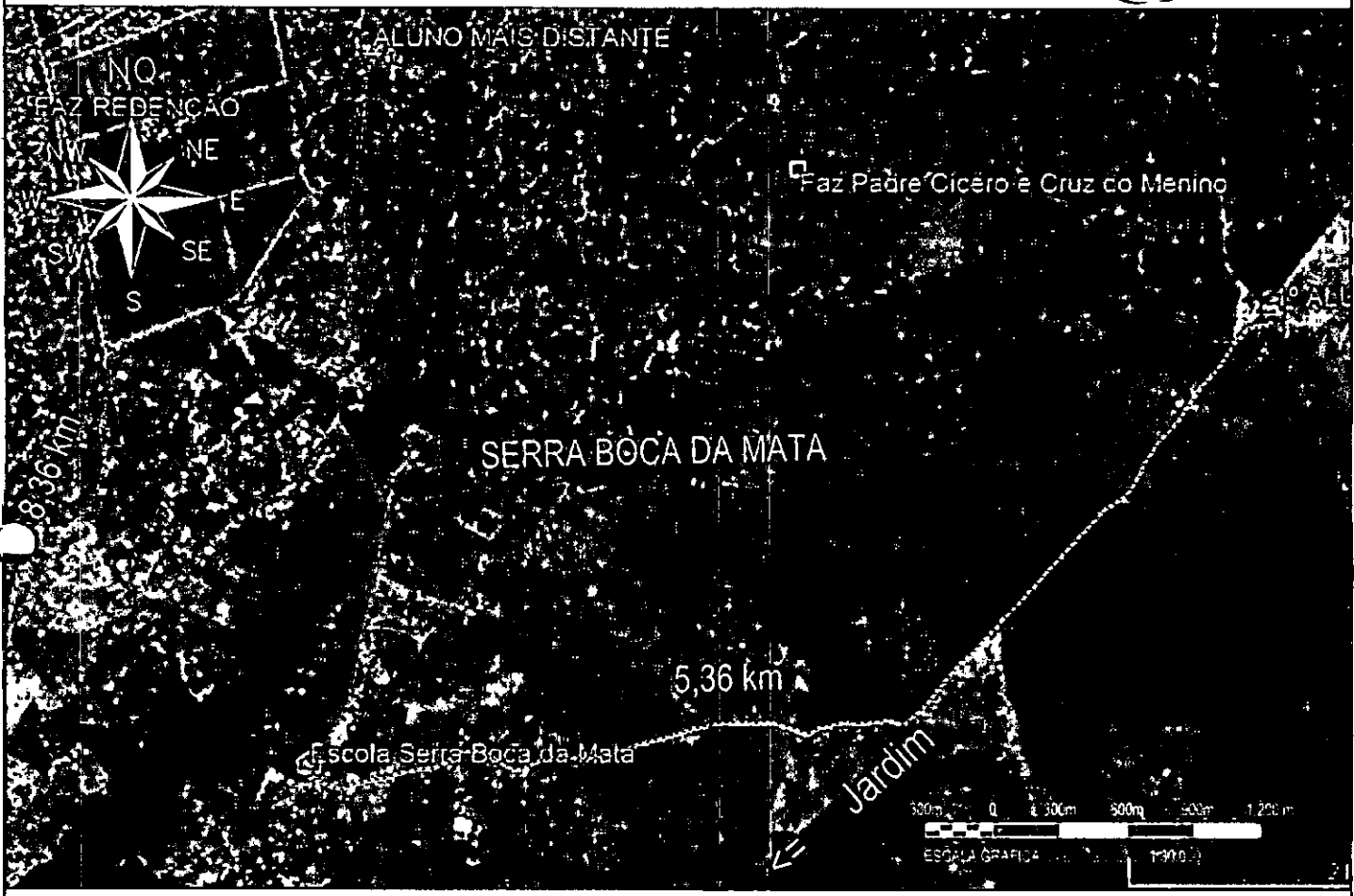
1	REHOR	459431,136	9174905,162	904,738
2	REHOR	459431,599	9174870,868	905,219
3	REHOR	459432,373	9174830,431	906,180
4	REHOR	459433,179	9174795,275	905,699
5	REHOR	459436,859	9174762,726	905,699
6	REHOR	459440,996	9174725,747	905,699
7	REHOR	459446,551	9174686,259	905,219
8	REHOR	459451,497	9174643,953	904,257
9	REHOR	459454,909	9174599,839	903,296
10	REHOR	459456,770	9174553,287	902,815
11	REHOR	459456,528	9174522,226	902,335
12	REHOR	459456,122	9174476,515	902,335
13	REHOR	459457,156	9174434,040	901,854
14	REHOR	459459,345	9174394,048	900,893
15	REHOR	459462,847	9174353,335	899,931
16	REHOR	459466,125	9174314,605	900,412
17	REHOR	459468,267	9174274,289	899,451
18	REHOR	459470,585	9174234,501	898,970
19	REHOR	459468,593	9174205,172	898,489
20	REHOR	459468,390	9174171,757	898,489
21	REHOR	459467,100	9174132,301	897,047
22	REHOR	459464,738	9174092,685	896,567
23	REHOR	459459,947	9174059,980	896,567
24	REHOR	459450,616	9174025,762	895,606
25	REHOR	459434,974	9173984,588	895,606
26	REHOR	459421,326	9173948,391	894,644
27	REHOR	459407,577	9173910,972	894,644
28	REHOR	459391,952	9173871,132	895,125
29	REHOR	459375,977	9173830,829	894,164
30	REHOR	459360,852	9173791,175	893,683
31	REHOR	459347,382	9173752,079	894,164
32	REHOR	459334,679	9173714,058	893,202
33	REHOR	459322,774	9173683,821	892,722
34	REHOR	459310,247	9173644,540	892,241
35	REHOR	459300,492	9173609,691	891,760
36	REHOR	459287,907	9173573,496	890,799
37	REHOR	459273,761	9173535,251	890,799
38	REHOR	459261,944	9173499,807	890,799
39	REHOR	459255,654	9173467,907	890,799
40	REHOR	459247,690	9173436,450	890,799
41	REHOR	459238,331	9173403,482	889,837
42	REHOR	459229,418	9173366,956	889,357
43	REHOR	459219,637	9173329,503	888,876
44	REHOR	459210,338	9173291,124	887,915
45	REHOR	459200,141	9173252,873	886,953
46	REHOR	459190,513	9173220,313	886,473
47	REHOR	459181,936	9173180,553	885,512
48	REHOR	459184,091	9173147,956	884,550
49	REHOR	459181,494	9173113,177	884,550
50	REHOR	459185,367	9173071,612	883,108
51	REHOR	459196,233	9173039,078	882,147
52	REHOR	459210,700	9173002,692	880,705



Rota Horizonte02.txt


53	REHOR	459224,106	9172974,367	879,744
54	REHOR	459237,190	9172944,096	878,783
55	REHOR	459250,140	9172908,617	877,821
56	REHOR	459261,076	9172880,771	876,860
57	REHOR	459276,264	9172845,313	876,379
58	REHOR	459287,702	9172814,076	875,898
59	REHOR	459298,030	9172784,062	875,418
60	REHOR	459308,108	9172754,521	874,937
61	REHOR	459314,781	9172725,513	873,014
62	REHOR	459324,267	9172696,055	871,092
63	REHOR	459330,129	9172664,480	869,650
64	REHOR	459336,412	9172627,865	867,727
65	REHOR	459337,056	9172598,158	866,766
66	REHOR	459335,918	9172566,040	865,805
67	REHOR	459335,253	9172530,929	865,805
68	REHOR	459329,981	9172498,456	864,363
69	REHOR	459326,451	9172462,027	861,960
70	REHOR	459320,660	9172431,925	860,037
71	REHOR	459313,667	9172400,052	858,114
72	REHOR	459308,616	9172368,941	855,711
73	REHOR	459302,429	9172335,401	853,788
74	REHOR	459297,422	9172306,913	851,866
75	REHOR	459292,602	9172276,515	850,424
76	REHOR	459301,862	9172250,531	849,943
77	REHOR	459325,291	9172224,596	848,020
78	REHOR	459351,118	9172195,447	846,578
79	REHOR	459370,559	9172171,797	845,136
80	REHOR	459392,532	9172150,086	844,656
81	REHOR	459419,671	9172132,762	844,175
82	REHOR	459450,018	9172116,813	844,175
83	REHOR	459479,208	9172102,409	844,175
84	REHOR	459507,474	9172086,254	843,694
85	REHOR	459534,653	9172066,336	844,175
86	REHOR	459560,187	9172044,322	844,175
87	REHOR	459587,977	9172022,263	844,656
88	REHOR	459616,108	9172001,688	845,136
89	REHOR	459637,630	9171977,252	845,617
90	REHOR	459651,823	9171947,649	845,617
91	REHOR	459672,553	9171918,894	846,098
92	REHOR	459696,793	9171896,193	846,578
93	REHOR	459702,290	9171869,196	845,617
94	REHOR	459692,420	9171839,054	844,656
95	REHOR	459682,640	9171811,043	843,213
96	REHOR	459684,798	9171807,273	843,213

PMJ/CL  
FLS 86  
41



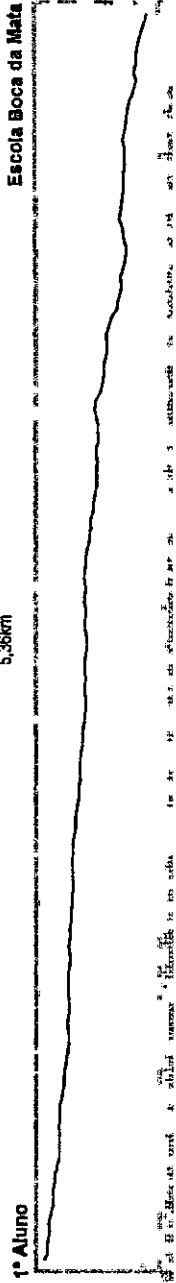
ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
4	1	1	Serra Boca da Mata/Serra Redenção/Serra da Caitana/Escola Serra Boca da Mata/Divisa de Portelas/Escola Serra Boca da Mata	UTM Z-24M EQ(X)475354,98 ; N(Y) 9167567,78 e UTM Z-24M EQ(X)471314,18; N(Y) 9188716,90	UTM Z-24M EQ(X)471034,43 ; N(Y) 9165536,67	54,86	Carroçável	Micro Ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevilandalencar@gmail.com	LEVANTAMENTO:  <div style="text-align: center;">   <b>CLEVLAND ALENCAR DE OLIVEIRA</b>  <small>TEC. CONS. CIVIL TOPO. ESTRADAS          CREA: RNP 060784563-5</small> </div>	PRANCHA: <b>1 / 2</b>
	<b>LOCAL: SERRA BOCA DA MATA (rota 04) - JARDIM - CE</b> <b>PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)</b>	<b>CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SERRA BOCA DA MATA</b>
<b>PERCURSO UNITÁRIO: 13,71 km</b>	<b>DATA: ABRIL / 2018</b>	<b>ESCALA: 1 : 30.000</b>



Escola do Gravaatã



Aluno mais distante

8,36 km

Escola Boca da Mata

ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS.
	MATUTINO	VESPERTINO							
4	1	1	Serra Boca da Mata/Serra Redenção/Serra da Caitana/Escola Serra Boca da Mata/Divisa de Portelras/Escola Serra Boca da Mata	UTM Z-24M EIXM75354,98 ; N(Y) 9167567,78 e UTM Z- 24M EIXM71314,18; N(Y) 9168716,90	UTM Z-24M EIXM71034,43 ; N(Y) 9165536,67	54,86	Carrçoável	Micro Ônibus	29

LEVANTAMENTO PLANIMÉTRICO

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTDA.  
(88)  
99688-8559/99652-4881  
clevelandalencar@gmail.com

LEVANTAMENTO:

CLEVELAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784683-5

LOCAL: SERRA BOCA DA MATA (rota 04) - JARDIM - CE  
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHA:  
2 / 2

CONTEÚDO: PLANTA DOS PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SERRA BOCA DA MATA

PERCURSO UNITÁRIO: 13,71 km

DATA:

ABRIL / 2018

ESCALA: 1 : 30.000

FMJ/CL  
T.S.  
87  
47



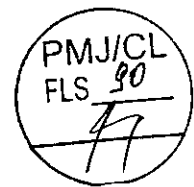
BM Rota2.txt

1	BM2	471311,210	9168719,263	903,296
2	BM2	471287,653	9168695,509	902,815
3	BM2	471278,406	9168662,970	901,373
4	BM2	471284,531	9168626,400	900,412
5	BM2	471282,716	9168584,608	899,931
6	BM2	471280,415	9168549,711	898,970
7	BM2	471277,488	9168512,088	898,970
8	BM2	471271,971	9168475,065	898,489
9	BM2	471270,069	9168437,925	898,009
10	BM2	471267,531	9168399,145	897,528
11	BM2	471266,805	9168360,283	896,567
12	BM2	471262,553	9168326,894	896,567
13	BM2	471250,543	9168292,491	896,567
14	BM2	471243,312	9168260,870	896,567
15	BM2	471236,083	9168224,829	896,567
16	BM2	471230,076	9168187,594	896,086
17	BM2	471224,825	9168154,279	895,125
18	BM2	471214,302	9168122,601	895,606
19	BM2	471203,568	9168087,707	895,606
20	BM2	471196,782	9168054,030	895,125
21	BM2	471192,960	9168013,747	894,644
22	BM2	471192,582	9167980,861	894,164
23	BM2	471194,582	9167945,780	894,164
24	BM2	471197,489	9167908,106	893,683
25	BM2	471199,426	9167870,801	893,683
26	BM2	471204,662	9167835,685	893,683
27	BM2	471209,657	9167802,812	892,722
28	BM2	471209,594	9167768,499	893,202
29	BM2	471207,729	9167732,091	892,722
30	BM2	471206,225	9167696,192	892,241
31	BM2	471209,362	9167661,826	892,241
32	BM2	471211,379	9167628,756	891,760
33	BM2	471210,825	9167595,295	891,279
34	BM2	471212,603	9167560,928	890,799
35	BM2	471214,155	9167531,444	889,837
36	BM2	471212,622	9167497,844	889,357
37	BM2	471207,339	9167456,402	888,876
38	BM2	471199,739	9167423,604	888,396
39	BM2	471198,574	9167391,339	887,915
40	BM2	471192,224	9167357,068	887,434
41	BM2	471181,008	9167323,898	886,953
42	BM2	471155,175	9167302,598	886,953
43	BM2	471119,300	9167312,408	885,992
44	BM2	471086,631	9167326,908	886,473
45	BM2	471063,416	9167349,513	886,953
46	BM2	471045,951	9167375,949	887,915
47	BM2	471024,055	9167404,114	888,876
48	BM2	471003,948	9167426,322	889,837
49	BM2	470972,178	9167452,332	890,318
50	BM2	470945,297	9167466,549	890,318
51	BM2	470925,432	9167486,413	891,279
52	BM2	470906,643	9167514,024	892,722



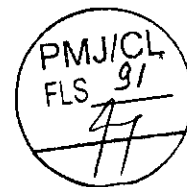
BM Rota2.txt

53	BM2	470889,861	9167543,166	893,683
54	BM2	470868,767	9167574,732	894,644
55	BM2	470843,001	9167596,094	895,606
56	BM2	470813,264	9167609,289	895,606
57	BM2	470787,272	9167621,635	896,567
58	BM2	470761,101	9167638,743	896,567
59	BM2	470732,185	9167654,691	896,086
60	BM2	470700,348	9167652,837	894,164
61	BM2	470671,836	9167642,942	893,683
62	BM2	470642,465	9167630,878	892,722
63	BM2	470611,439	9167618,220	893,202
64	BM2	470582,180	9167605,313	893,683
65	BM2	470550,719	9167593,322	895,125
66	BM2	470518,870	9167581,803	896,567
67	BM2	470491,448	9167572,909	897,047
68	BM2	470457,715	9167557,599	898,489
69	BM2	470427,474	9167546,693	899,451
70	BM2	470397,134	9167531,450	900,412
71	BM2	470357,149	9167516,340	901,373
72	BM2	470326,371	9167507,231	902,335
73	BM2	470295,281	9167495,277	902,815
74	BM2	470263,897	9167478,513	903,777
75	BM2	470230,387	9167461,517	903,777
76	BM2	470197,042	9167446,374	904,257
77	BM2	470169,275	9167427,166	904,257
78	BM2	470184,374	9167399,479	904,738
79	BM2	470213,435	9167374,849	904,257
80	BM2	470246,692	9167367,132	904,257
81	BM2	470283,580	9167365,023	904,738
82	BM2	470311,899	9167358,258	904,738
83	BM2	470341,401	9167337,307	903,777
84	BM2	470367,968	9167321,848	903,296
85	BM2	470392,070	9167300,041	902,815
86	BM2	470428,071	9167296,672	902,335
87	BM2	470457,589	9167294,994	902,335
88	BM2	470467,122	9167295,102	902,815
89	BM2	470435,591	9167293,869	903,296
90	BM2	470399,684	9167294,764	903,296
91	BM2	470375,147	9167315,765	903,777
92	BM2	470344,287	9167335,010	904,257
93	BM2	470317,607	9167353,953	904,738
94	BM2	470285,485	9167365,265	905,219
95	BM2	470250,900	9167366,458	906,180
96	BM2	470219,973	9167374,009	906,660
97	BM2	470191,794	9167392,923	907,141
98	BM2	470174,710	9167415,383	907,622
99	BM2	470148,710	9167411,975	909,545
100	BM2	470132,634	9167388,318	909,064
101	BM2	470137,390	9167353,990	908,583
102	BM2	470146,476	9167314,984	908,103
103	BM2	470147,869	9167276,188	907,141
104	BM2	470132,965	9167242,394	906,660



BM Rota2.txt

105	BM2	470124,385	9167211,170	906,660
106	BM2	470116,094	9167174,693	906,660
107	BM2	470107,499	9167137,290	906,180
108	BM2	470099,762	9167087,803	906,660
109	BM2	470101,957	9167053,381	906,660
110	BM2	470105,999	9167021,702	906,660
111	BM2	470109,033	9166989,411	907,141
112	BM2	470110,791	9166959,010	907,141
113	BM2	470111,248	9166922,260	906,180
114	BM2	470105,984	9166881,318	905,699
115	BM2	470096,470	9166849,715	905,219
116	BM2	470078,833	9166809,312	904,257
117	BM2	470064,187	9166778,873	903,777
118	BM2	470051,944	9166748,898	902,815
119	BM2	470037,692	9166721,823	901,373
120	BM2	470015,939	9166699,441	901,373
121	BM2	470002,767	9166676,600	901,854
122	BM2	469981,002	9166643,710	901,854
123	BM2	469956,908	9166622,791	901,854
124	BM2	469923,376	9166596,713	901,373
125	BM2	469910,105	9166569,277	901,373
126	BM2	469893,901	9166530,691	900,893
127	BM2	469886,865	9166500,118	900,412
128	BM2	469877,643	9166460,351	900,412
129	BM2	469862,018	9166427,233	899,451
130	BM2	469828,894	9166398,588	898,970
131	BM2	469801,651	9166372,542	898,970
132	BM2	469790,210	9166347,581	898,970
133	BM2	469772,086	9166317,798	898,970
134	BM2	469752,085	9166287,549	898,489
135	BM2	469726,108	9166262,838	898,009
136	BM2	469708,274	9166242,377	897,528
137	BM2	469687,834	9166205,688	896,567
138	BM2	469719,215	9166209,488	897,528
139	BM2	469752,442	9166205,034	897,528
140	BM2	469784,097	9166201,051	896,567
141	BM2	469822,547	9166198,804	896,567
142	BM2	469854,570	9166197,462	897,047
143	BM2	469886,880	9166194,749	897,047
144	BM2	469920,618	9166186,023	896,086
145	BM2	469959,098	9166180,691	896,086
146	BM2	469990,010	9166179,867	897,047
147	BM2	470024,011	9166179,768	897,528
148	BM2	470060,290	9166188,918	897,528
149	BM2	470093,477	9166204,255	897,528
150	BM2	470128,051	9166219,473	898,009
151	BM2	470158,552	9166241,157	898,489
152	BM2	470185,408	9166266,053	898,970
153	BM2	470209,620	9166290,448	899,451
154	BM2	470232,742	9166313,451	899,451
155	BM2	470257,251	9166335,641	899,451
156	BM2	470278,534	9166355,317	899,451



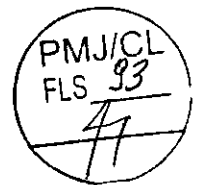
BM Rota2.txt

157	BM2	470307,146	9166367,214	897,528
158	BM2	470341,573	9166381,245	897,047
159	BM2	470368,657	9166397,450	896,567
160	BM2	470398,265	9166412,582	896,086
161	BM2	470430,853	9166425,343	896,567
162	BM2	470460,643	9166445,626	897,047
163	BM2	470485,364	9166468,761	897,047
164	BM2	470508,256	9166489,920	896,567
165	BM2	470534,335	9166515,631	896,567
166	BM2	470557,659	9166541,739	898,009
167	BM2	470584,837	9166568,924	898,009
168	BM2	470608,021	9166597,108	897,528
169	BM2	470628,310	9166624,928	897,528
170	BM2	470649,616	9166653,435	897,528
171	BM2	470673,877	9166673,835	897,047
172	BM2	470702,059	9166693,905	896,567
173	BM2	470731,370	9166711,297	896,086
174	BM2	470762,830	9166723,807	895,606
175	BM2	470792,318	9166740,689	895,606
176	BM2	470817,392	9166762,804	894,644
177	BM2	470843,687	9166783,706	894,164
178	BM2	470869,973	9166803,904	894,164
179	BM2	470896,741	9166822,026	893,683
180	BM2	470925,167	9166836,072	893,202
181	BM2	470954,343	9166848,599	892,722
182	BM2	470984,639	9166860,237	893,202
183	BM2	471009,872	9166878,211	893,202
184	BM2	471030,297	9166912,610	893,202
185	BM2	471045,416	9166942,048	894,164
186	BM2	471063,753	9166973,870	894,164
187	BM2	471083,021	9167008,037	894,164
188	BM2	471099,096	9167033,316	894,164
189	BM2	471119,623	9167066,195	892,722
190	BM2	471142,259	9167082,721	889,837
191	BM2	471173,553	9167079,247	887,434
192	BM2	471204,989	9167056,007	885,992
193	BM2	471220,956	9167029,970	885,992
194	BM2	471237,434	9166999,308	884,070
195	BM2	471254,873	9166968,221	882,147
196	BM2	471274,217	9166939,656	880,224
197	BM2	471291,127	9166912,127	880,705
198	BM2	471308,669	9166881,568	881,186
199	BM2	471323,240	9166854,213	882,147
200	BM2	471340,320	9166822,051	884,550
201	BM2	471357,521	9166788,555	886,473
202	BM2	471374,620	9166754,169	887,434
203	BM2	471378,414	9166717,847	887,915
204	BM2	471376,088	9166680,318	888,876
205	BM2	471367,477	9166636,539	887,915
206	BM2	471361,310	9166605,697	887,434
207	BM2	471355,696	9166575,041	887,434
208	BM2	471349,694	9166545,951	887,434



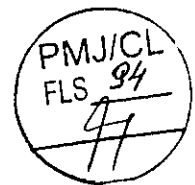
BM Rota2.txt

209	BM2	471340,787	9166503,395	887,434
210	BM2	471335,422	9166475,000	886,953
211	BM2	471328,652	9166430,296	887,434
212	BM2	471321,225	9166385,897	886,953
213	BM2	471311,578	9166343,832	886,953
214	BM2	471303,307	9166304,103	886,953
215	BM2	471294,510	9166264,170	886,953
216	BM2	471284,825	9166222,512	886,953
217	BM2	471275,557	9166180,957	886,953
218	BM2	471268,212	9166138,782	887,915
219	BM2	471262,034	9166095,042	887,434
220	BM2	471253,682	9166051,578	887,434
221	BM2	471245,679	9166013,035	887,915
222	BM2	471237,400	9165971,425	888,396
223	BM2	471231,656	9165942,668	888,396
224	BM2	471221,535	9165905,190	889,357
225	BM2	471207,759	9165871,693	888,876
226	BM2	471191,921	9165837,482	888,876
227	BM2	471173,105	9165804,557	888,876
228	BM2	471153,992	9165772,883	888,396
229	BM2	471137,237	9165742,851	888,396
230	BM2	471119,732	9165712,206	888,396
231	BM2	471102,228	9165681,552	888,876
232	BM2	471086,861	9165649,611	889,357
233	BM2	471076,164	9165616,404	889,837
234	BM2	471067,703	9165586,080	890,799
235	BM2	471052,842	9165557,318	891,279
236	BM2	471050,865	9165553,768	891,279



BM Rotal.txt

1	24M	475356,614	9167569,033	937,423
2	24M	475339,902	9167556,571	936,461
3	24M	475307,115	9167549,549	936,461
4	24M	475276,047	9167545,521	935,981
5	24M	475242,298	9167539,342	935,500
6	24M	475216,456	9167513,948	935,981
7	24M	475194,026	9167489,057	935,020
8	24M	475171,847	9167463,202	934,058
9	24M	475153,357	9167436,506	934,058
10	24M	475135,116	9167412,562	934,058
11	24M	475117,468	9167385,755	933,577
12	24M	475096,399	9167357,714	933,577
13	24M	475078,970	9167335,661	932,616
14	24M	475054,823	9167305,320	931,655
15	24M	475029,323	9167281,011	931,655
16	24M	475009,705	9167255,500	931,655
17	24M	474993,842	9167227,267	931,655
18	24M	474975,252	9167199,088	931,655
19	24M	474956,216	9167173,856	931,174
20	24M	474942,341	9167146,726	931,174
21	24M	474920,321	9167117,804	931,174
22	24M	474897,473	9167095,785	930,213
23	24M	474873,554	9167071,884	929,732
24	24M	474849,054	9167046,056	929,252
25	24M	474825,164	9167019,403	929,252
26	24M	474807,796	9166989,270	928,771
27	24M	474786,302	9166961,293	928,290
28	24M	474768,274	9166936,701	927,810
29	24M	474762,361	9166909,371	927,329
30	24M	474750,253	9166880,973	927,329
31	24M	474732,476	9166853,091	927,810
32	24M	474712,952	9166824,643	927,810
33	24M	474689,600	9166796,851	927,329
34	24M	474663,377	9166777,119	927,329
35	24M	474637,487	9166756,321	927,329
36	24M	474609,865	9166741,184	927,329
37	24M	474586,232	9166719,229	927,329
38	24M	474563,155	9166695,060	927,329
39	24M	474537,132	9166665,163	926,848
40	24M	474514,618	9166641,680	926,848
41	24M	474491,060	9166618,288	927,329
42	24M	474466,912	9166592,321	926,848
43	24M	474440,406	9166564,425	926,848
44	24M	474414,437	9166537,039	926,368
45	24M	474392,177	9166507,273	926,368
46	24M	474364,385	9166481,526	925,887
47	24M	474341,253	9166457,487	925,887
48	24M	474318,298	9166430,760	925,406
49	24M	474292,988	9166399,538	925,887
50	24M	474269,495	9166374,405	925,887
51	24M	474246,475	9166348,836	925,887
52	24M	474226,322	9166321,972	925,406



BM Rota1.txt

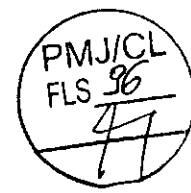
53	24M	474200,942	9166298,774	925,406
54	24M	474174,149	9166274,390	924,926
55	24M	474147,958	9166247,495	924,445
56	24M	474123,718	9166219,720	924,445
57	24M	474100,134	9166193,326	923,964
58	24M	474077,724	9166169,213	923,484
59	24M	474054,674	9166146,563	923,003
60	24M	474034,890	9166122,275	923,003
61	24M	474014,041	9166100,053	922,522
62	24M	473990,759	9166080,173	922,522
63	24M	473964,527	9166060,589	922,522
64	24M	473938,406	9166040,773	922,522
65	24M	473921,517	9166014,476	922,042
66	24M	473898,510	9165982,875	921,561
67	24M	473877,153	9165960,124	921,561
68	24M	473858,089	9165936,216	921,080
69	24M	473836,169	9165912,788	920,600
70	24M	473815,895	9165887,064	920,119
71	24M	473795,650	9165861,126	920,119
72	24M	473774,524	9165838,440	920,119
73	24M	473745,492	9165816,028	920,600
74	24M	473718,671	9165790,864	920,119
75	24M	473692,800	9165772,633	920,600
76	24M	473662,100	9165790,129	920,600
77	24M	473629,261	9165796,690	920,119
78	24M	473595,699	9165790,186	919,638
79	24M	473561,866	9165788,277	919,638
80	24M	473528,099	9165783,134	920,119
81	24M	473494,194	9165778,658	920,600
82	24M	473460,043	9165784,199	920,119
83	24M	473433,290	9165787,752	920,119
84	24M	473400,248	9165776,892	920,600
85	24M	473366,972	9165770,082	920,119
86	24M	473335,489	9165766,098	920,119
87	24M	473306,481	9165751,015	920,600
88	24M	473274,062	9165733,808	920,119
89	24M	473237,810	9165742,656	920,119
90	24M	473209,460	9165757,707	919,638
91	24M	473175,206	9165765,518	918,677
92	24M	473140,108	9165777,091	918,196
93	24M	473103,032	9165787,670	917,716
94	24M	473073,665	9165785,671	917,716
95	24M	473038,466	9165779,795	916,754
96	24M	473007,441	9165783,512	916,754
97	24M	472974,827	9165783,151	916,274
98	24M	472936,768	9165782,045	915,313
99	24M	472902,704	9165780,812	915,313
100	24M	472869,564	9165779,904	915,313
101	24M	472835,668	9165774,297	914,832
102	24M	472805,418	9165765,014	915,313
103	24M	472772,411	9165757,518	915,313
104	24M	472741,152	9165750,763	914,351



PMJ/CL  
FLS 95  
47

BM Rotal.txt

105	24M	472711,503	9165741,351	914,832
106	24M	472681,863	9165732,206	914,832
107	24M	472652,795	9165724,388	915,313
108	24M	472622,231	9165714,706	916,274
109	24M	472583,041	9165702,925	915,793
110	24M	472549,914	9165694,186	913,870
111	24M	472516,454	9165688,014	912,909
112	24M	472484,845	9165677,618	912,429
113	24M	472453,210	9165664,525	912,429
114	24M	472420,318	9165650,996	911,948
115	24M	472386,925	9165639,367	910,987
116	24M	472351,959	9165631,359	910,987
117	24M	472314,966	9165624,740	910,987
118	24M	472275,928	9165621,549	910,025
119	24M	472243,019	9165621,817	909,064
120	24M	472206,055	9165630,154	906,660
121	24M	472173,746	9165630,849	906,180
122	24M	472138,701	9165629,809	905,219
123	24M	472108,404	9165623,111	904,738
124	24M	472075,223	9165613,177	905,219
125	24M	472043,642	9165603,280	904,257
126	24M	472016,576	9165587,790	903,296
127	24M	471987,511	9165575,764	902,815
128	24M	471954,732	9165575,495	902,815
129	24M	471921,594	9165586,845	903,777
130	24M	471887,831	9165607,721	904,257
131	24M	471858,171	9165633,501	905,699
132	24M	471830,440	9165649,719	905,219
133	24M	471796,464	9165654,934	904,738
134	24M	471759,477	9165655,450	904,257
135	24M	471730,016	9165655,581	903,777
136	24M	471698,879	9165646,380	903,777
137	24M	471672,805	9165627,323	903,777
138	24M	471648,987	9165608,619	903,296
139	24M	471618,585	9165590,124	903,296
140	24M	471586,045	9165575,251	903,296
141	24M	471547,932	9165572,485	904,257
142	24M	471510,123	9165571,082	903,296
143	24M	471473,444	9165565,575	902,815
144	24M	471437,796	9165553,554	902,335
145	24M	471402,065	9165540,514	901,854
146	24M	471370,668	9165531,118	900,412
147	24M	471338,567	9165525,196	899,451
148	24M	471303,534	9165520,218	898,489
149	24M	471270,954	9165511,266	899,451
150	24M	471235,571	9165503,702	898,489
151	24M	471207,746	9165491,593	898,489
152	24M	471178,301	9165482,244	898,009
153	24M	471147,061	9165488,452	897,528
154	24M	471118,028	9165500,907	896,567
155	24M	471088,496	9165513,881	895,606
156	24M	471060,202	9165526,734	894,644



157  
158

24M  
24M

471054,687  
471054,696

BM Rota1.txt  
9165549,535  
9165549,609

894,164  
893,683



ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
5	1	1	Sítio Cafundó/Escola Senador Carlos Jereissate-Sede do Município	UTM Z-24M E(X) 969851,36 ; N(Y) 9164333,95	UTM Z-24M E(X) 471036,43 ; N(Y) 9165536,67	16,80	Mista	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTD.A.  
(88)

LEVANTAMENTO:

*[Signature]*  
**CLEVLAND ALENCAR DE OLIVEIRA**  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA. RNP 080784563-5

99688-8559/99652-4881  
clevilandalencar@gmail.com

**LOCAL:** SÍTIO CAFUNDÓ (rota 05) - JARDIM - CE

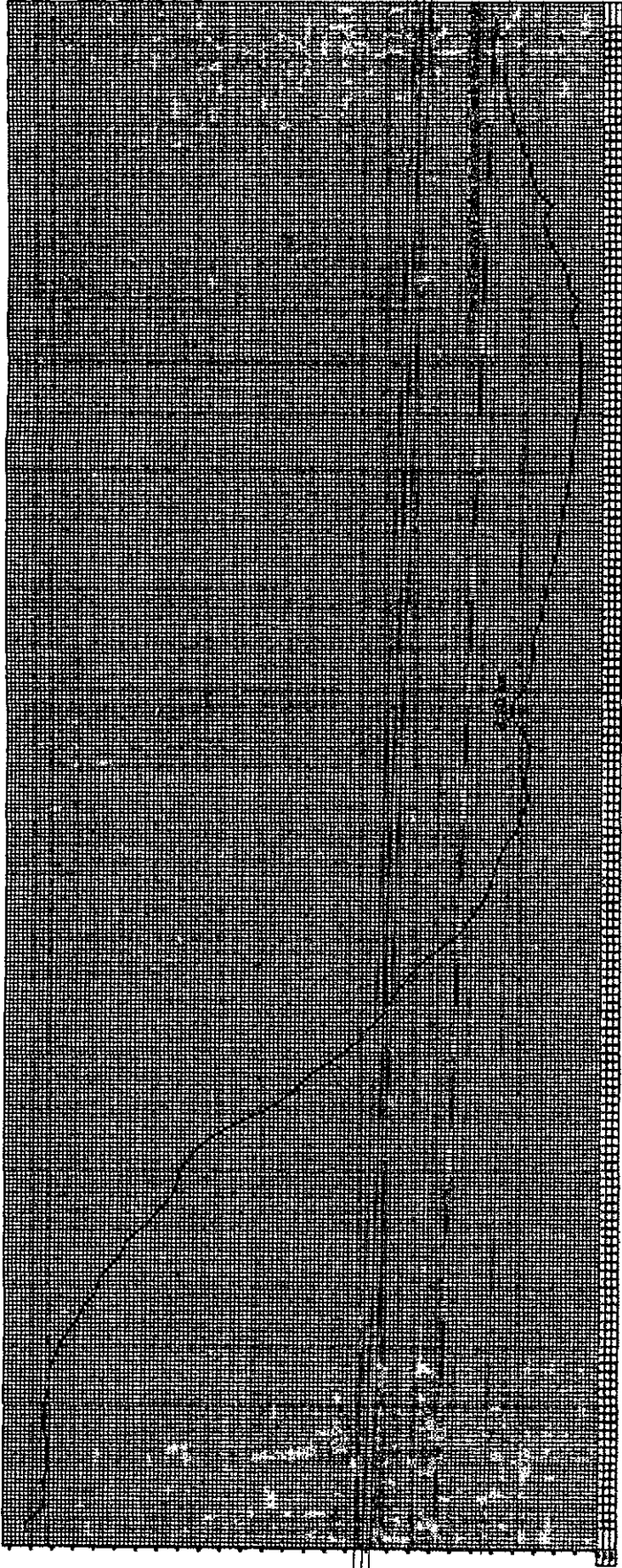
PRANCHA:  
**1 / 2**

**PROPRIETÁRIO:** PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

**CONTEÚDO:** PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CAFUNDÓ

**PERCURSO UNITÁRIO :** 4,20 km      **DATA:** ABRIL / 2018      **ESCALA:** 1 : 15.000

Sítio Cafundó



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
5	1	1	Sítio Cafundó/Escola Senador Carlos Jerônimo Sede do Município	UTM Z-24M EPM468851,36 ; NY19164933,95	UTM Z-24M EPM471084,43 ; NY19165936,67	16,80	Mista	Van	22

LEVANTAMENTO PLANIMÉTRICO

LEVANTAMENTO:

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTDA.  
(88)

99688-8559/99652-4881  
clevilandalencar@gmail.com

*[Signature]*  
CLEVILAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL, OPQ. ESTRADAS  
CREA: RNP 060784585-5

LOCAL: SÍTIO CAFUNDÓ (rota 05) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

CONTEÚDO: PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CAFUNDÓ

PERCURSO UNITÁRIO : 4,20 km

DATA: ABRIL / 2018

ESCALA: 1 : 15.000

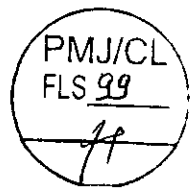
PRANCHA:  
2 / 2



ESCALA GRÁFICA: 1 : 15.000

PMJ/CL  
FLS 98

4



Cafundó1.txt

1	24M	469851,012	9164334,678	778,805
2	24M	469844,286	9164296,645	774,479
3	24M	469838,623	9164259,957	773,999
4	24M	469835,655	9164230,146	774,479
5	24M	469830,078	9164202,112	773,518
6	24M	469823,468	9164171,251	773,518
7	24M	469814,752	9164136,432	773,518
8	24M	469804,593	9164102,511	774,479
9	24M	469793,267	9164070,758	774,479
10	24M	469783,033	9164038,894	773,999
11	24M	469773,308	9164006,076	773,037
12	24M	469759,994	9163974,563	773,037
13	24M	469743,340	9163947,810	772,076
14	24M	469727,507	9163922,336	770,634
15	24M	469709,680	9163893,702	768,711
16	24M	469700,433	9163865,008	766,308
17	24M	469694,471	9163833,026	764,866
18	24M	469681,479	9163805,117	761,982
19	24M	469663,466	9163777,390	761,021
20	24M	469647,043	9163750,008	758,137
21	24M	469632,145	9163723,154	755,734
22	24M	469615,750	9163695,586	754,292
23	24M	469602,742	9163663,433	749,966
24	24M	469589,735	9163630,113	747,082
25	24M	469579,991	9163598,305	744,198
26	24M	469576,582	9163564,759	742,756
27	24M	469578,851	9163530,586	741,794
28	24M	469574,971	9163494,992	738,911
29	24M	469562,998	9163465,175	735,546
30	24M	469549,174	9163437,405	730,259
31	24M	469527,673	9163413,271	723,530
32	24M	469503,136	9163394,259	718,242
33	24M	469481,296	9163364,816	713,916
34	24M	469465,825	9163338,147	710,552
35	24M	469446,101	9163311,772	705,264
36	24M	469420,406	9163281,372	699,977
37	24M	469403,845	9163255,073	697,093
38	24M	469391,287	9163227,248	694,209
39	24M	469374,231	9163193,989	691,806
40	24M	469355,638	9163163,028	689,403
41	24M	469337,754	9163136,052	686,519
42	24M	469322,800	9163111,839	683,635
43	24M	469299,618	9163084,350	678,828
44	24M	469270,783	9163063,871	674,983
45	24M	469241,382	9163045,644	672,580
46	24M	469216,725	9163026,577	670,176
47	24M	469191,393	9163008,288	668,734
48	24M	469165,738	9162989,137	667,773
49	24M	469140,165	9162970,180	666,812
50	24M	469115,812	9162953,735	665,850
51	24M	469088,935	9162937,409	663,447
52	24M	469058,143	9162925,723	661,524



Cafundó1.txt

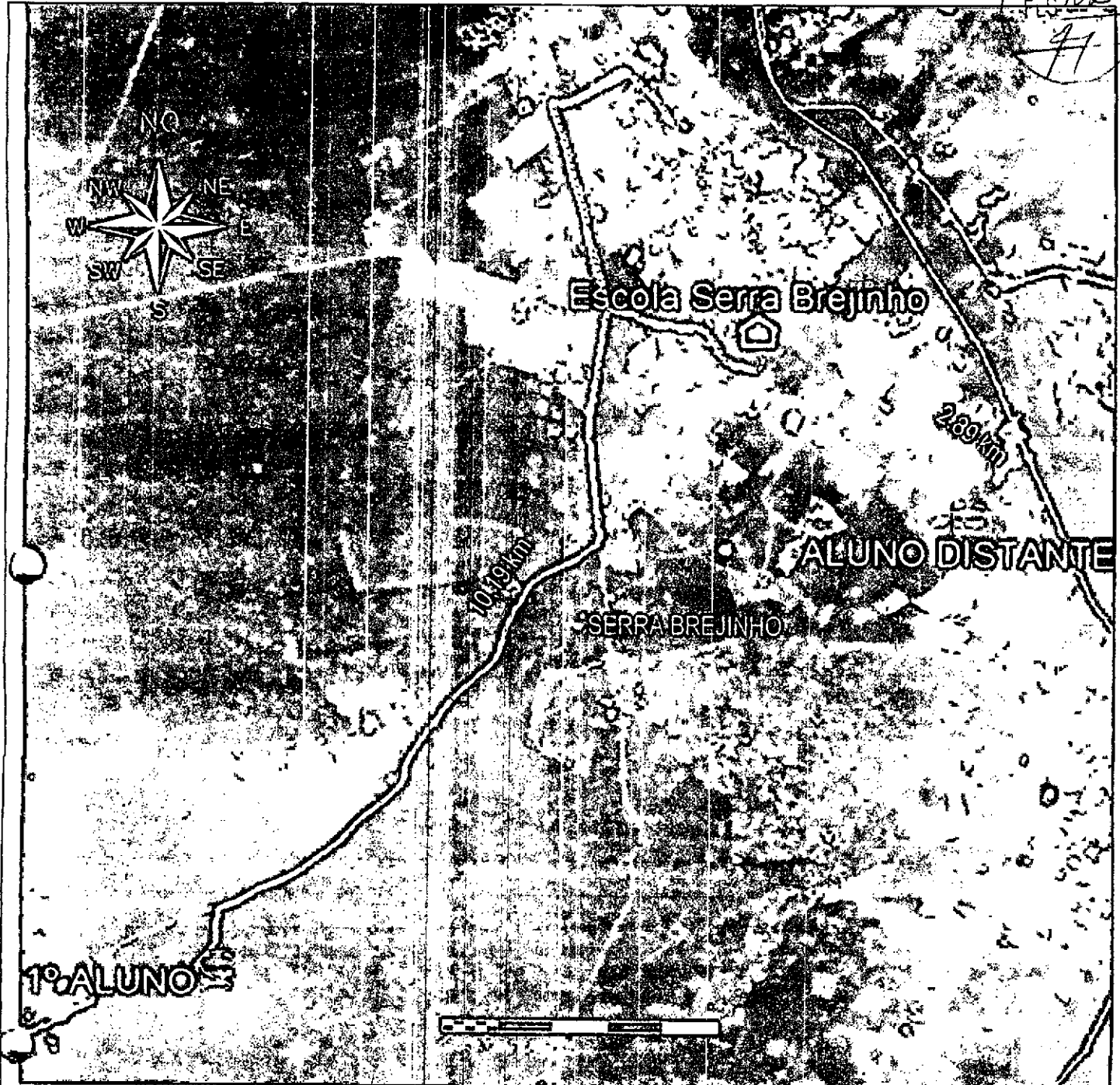
53	24M	469025,389	9162917,279	660,563
54	24M	468994,438	9162907,780	659,121
55	24M	468964,034	9162897,243	660,563
56	24M	468950,316	9162878,349	660,082
57	24M	468958,213	9162848,536	659,121
58	24M	468966,655	9162819,436	659,121
59	24M	468979,768	9162788,690	660,563
60	24M	468983,505	9162756,733	662,966
61	24M	468985,928	9162727,175	663,928
62	24M	468992,349	9162693,070	661,044
63	24M	469003,198	9162658,616	659,121
64	24M	469017,184	9162621,931	658,640
65	24M	469025,756	9162592,423	658,640
66	24M	469033,098	9162562,887	658,160
67	24M	469039,668	9162525,558	656,718
68	24M	469047,068	9162492,056	656,237
69	24M	469053,061	9162461,574	655,276
70	24M	469057,954	9162429,831	654,795
71	24M	469055,321	9162398,351	653,834
72	24M	469052,837	9162364,676	652,873
73	24M	469052,693	9162329,483	652,392
74	24M	469057,680	9162295,766	651,911
75	24M	469066,687	9162265,990	651,430
76	24M	469079,349	9162229,962	650,469
77	24M	469099,361	9162196,311	649,989
78	24M	469121,012	9162173,418	649,508
79	24M	469144,459	9162146,598	649,027
80	24M	469160,204	9162118,977	648,546
81	24M	469169,803	9162088,052	648,546
82	24M	469176,332	9162057,626	647,585
83	24M	469184,747	9162027,794	647,585
84	24M	469180,153	9161995,674	647,585
85	24M	469165,685	9161964,169	647,585
86	24M	469151,123	9161934,350	647,105
87	24M	469138,439	9161903,541	647,585
88	24M	469131,586	9161877,433	648,066
89	24M	469121,409	9161844,624	649,989
90	24M	469110,305	9161814,752	647,585
91	24M	469100,152	9161787,577	649,989
92	24M	469087,271	9161760,140	650,469
93	24M	469065,073	9161729,779	651,911
94	24M	469045,858	9161702,959	654,315
95	24M	469025,278	9161672,089	655,276
96	24M	469008,455	9161651,359	656,237
97	24M	468988,762	9161620,453	654,315
98	24M	468958,229	9161610,833	657,679
99	24M	468926,319	9161628,224	659,121
100	24M	468894,371	9161647,060	659,602
101	24M	468864,458	9161663,747	661,524
102	24M	468832,695	9161683,297	662,486
103	24M	468803,512	9161700,615	663,447
104	24M	468772,257	9161719,887	664,408



Cafund61.txt

105	24M	468740,771	9L61739,122	664,889
106	24M	468709,017	9L61758,950	665,850
107	24M	468678,528	9L61779,686	665,850
108	24M	468650,482	9L61798,006	665,850
109	24M	468658,151	9L61777,653	667,292
110	24M	468669,826	9L61768,820	667,773

Proj. 102  
97



ITEM	PERÍODO		ROTA/TRAIETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
6	1	1	Serra da Pilombeira/Serra Areia/Serra Brejinho/Escola Serra Brejinho/Serra da Besta Morta/Escola Serra	UTM Z-24M E(X)462618,54 ; N(Y) 9158208,755 e UTM Z-24M E(X)467378,33 ; N(Y) 9159274,38	UTM Z-24M E(X)465526,18 ; N(Y) 9161674,19	52,32	Carroçável	Micro Ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

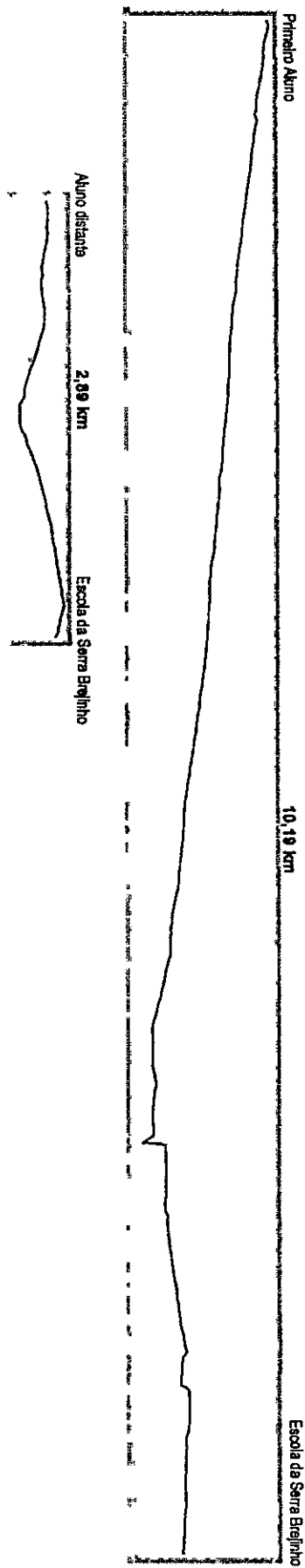
<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-9559/99652-4881 clevilandafencar@gmail.com	LEVANTAMENTO:	 <b>CLEVLAND ALENCAR DE OLIVEIRA</b> <small>TEC. CORP. CIVIL TOPO. ESTRADAS          CREA: F05P 060784563-5</small>
--	---------------	--

<b>LOCAL:</b> SERRA BREJINHO (rota 06) - JARDIM - CE	<b>PRANCHA:</b> 112
<b>PROPRIETÁRIO:</b> PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)	

**CONTEÚDO:** PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SERRA BREJINHO

<b>PERCURSO UNITÁRIO :</b> 13,08 km	<b>DATA:</b> ABRIL / 2018	<b>ESCALA:</b> 1 : 30.000
-------------------------------------	---------------------------	---------------------------





ITEM	PERÍODO	ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
6	1	Serra da Pimobeltra/Serra Arela/Serra Brejinho/Escola Serra Brejinho/Serra da Besta Morta/Escola Serra	UTM 22 24M EQN462618,54 ; NY 9158208,755 e UTM Z-24M EQN467378,33 ; NY 9159274,38	UTM 22 24M EQN465526,18 ; NY 9161674,19	52,32	Carroçável	Micra Ônibus	29

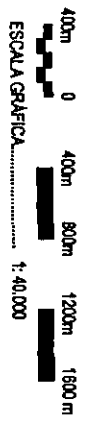
**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTDA.  
(88)  
99688-85559/99652-4881  
clevilandalencar@gmail.com

LEVANTAMENTO:  
**LOCAL: SERRA BREJINHO (rota 06) - JARDIM - CE**  
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

**CLEVLAND ALENCAR DE OLIVEIRA**  
TEC. CONE. CIVIL, TOPO. E STRADAS  
CREA: RNP 090784593-5

PRANCHA:  
**212**



CONTEÚDO: **PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SERRA BREJINHO**  
PERCURSO UNITÁRIO : 13,08 km DATA: **ABRIL / 2018** ESCALA: **1 : 40.000**

Serra Brejinho1.txt

105	24M	464668,667	9161821,226	893,202
106	24M	464676,745	9161862,448	892,241
107	24M	464685,865	9161908,555	891,760
108	24M	464686,853	9161959,409	890,799
109	24M	464678,604	9162000,072	890,318
110	24M	464667,325	9162035,109	889,837
111	24M	464651,866	9162084,441	888,876
112	24M	464638,012	9162126,953	888,396
113	24M	464626,548	9162162,602	887,915
114	24M	464612,853	9162165,056	886,473
115	24M	464623,980	9162122,069	885,992
116	24M	464638,180	9162075,072	885,992
117	24M	464653,874	9162032,162	885,512
118	24M	464666,379	9161989,175	885,512
119	24M	464682,856	9161963,372	890,318
120	24M	464686,585	9161922,158	890,799
121	24M	464727,328	9161903,229	890,799
122	24M	464770,662	9161894,579	890,799
123	24M	464814,916	9161891,183	890,799
124	24M	464853,623	9161875,236	890,799
125	24M	464895,859	9161850,109	890,318
126	24M	464938,327	9161835,416	888,876
127	24M	464982,953	9161829,713	888,876
128	24M	465030,508	9161827,116	888,396
129	24M	465077,358	9161813,112	888,396
130	24M	465117,163	9161812,344	888,396
131	24M	465160,118	9161816,063	888,396
132	24M	465205,522	9161807,469	887,915
133	24M	465240,998	9161784,209	887,915
134	24M	465262,708	9161745,213	888,396
135	24M	465284,689	9161703,021	888,396
136	24M	465305,166	9161669,742	888,396
137	24M	465329,875	9161638,904	887,915
138	24M	465368,642	9161615,692	887,434
139	24M	465413,037	9161608,709	887,434
140	24M	465461,069	9161597,180	887,434
141	24M	465499,258	9161580,824	886,953
142	24M	465516,334	9161621,544	886,953
143	24M	465528,547	9161661,017	886,473
144	24M	465529,913	9161664,317	886,953

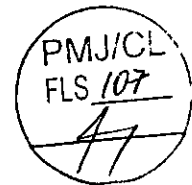
Serra Brejinho1.txt

53	24M	463843,568	9159786,157	917,716
54	24M	463872,974	9159816,425	917,716
55	24M	463903,831	9159847,101	917,235
56	24M	463937,798	9159874,165	916,754
57	24M	463967,355	9159901,060	916,274
58	24M	464006,362	9159937,812	915,793
59	24M	464040,091	9159962,467	915,313
60	24M	464069,269	9159989,148	914,832
61	24M	464096,225	9160031,710	914,351
62	24M	464116,216	9160078,409	913,870
63	24M	464130,391	9160126,882	913,870
64	24M	464134,614	9160165,980	913,390
65	24M	464152,198	9160205,912	912,909
66	24M	464172,454	9160244,660	911,948
67	24M	464198,103	9160292,382	911,948
68	24M	464223,825	9160329,532	911,948
69	24M	464246,946	9160370,191	911,467
70	24M	464271,909	9160408,322	910,987
71	24M	464299,854	9160438,764	910,506
72	24M	464345,128	9160468,209	910,025
73	24M	464383,492	9160488,142	909,545
74	24M	464424,233	9160508,317	909,064
75	24M	464456,011	9160526,158	908,583
76	24M	464506,571	9160540,838	908,583
77	24M	464543,112	9160563,938	907,622
78	24M	464575,597	9160594,624	906,660
79	24M	464608,718	9160617,073	906,180
80	24M	464641,948	9160641,348	906,180
81	24M	464649,349	9160685,544	905,219
82	24M	464643,333	9160730,824	905,219
83	24M	464638,107	9160771,286	905,219
84	24M	464633,508	9160813,611	905,219
85	24M	464628,855	9160854,741	904,738
86	24M	464623,866	9160899,845	904,257
87	24M	464617,682	9160947,887	904,257
88	24M	464612,449	9160998,004	903,777
89	24M	464607,362	9161049,484	903,296
90	24M	464601,101	9161102,186	902,815
91	24M	464595,107	9161156,046	902,335
92	24M	464590,184	9161211,075	901,854
93	24M	464588,026	9161266,403	900,893
94	24M	464590,852	9161320,483	900,412
95	24M	464594,973	9161361,721	899,931
96	24M	464603,179	9161404,880	898,970
97	24M	464610,986	9161451,013	898,489
98	24M	464619,396	9161492,857	898,009
99	24M	464626,770	9161537,405	897,047
100	24M	464631,884	9161584,871	896,567
101	24M	464639,050	9161635,146	896,086
102	24M	464647,492	9161684,616	895,125
103	24M	464655,307	9161732,510	894,644
104	24M	464661,134	9161779,466	893,683



Serra Brejinho1.txt

1	24M	462638,796	9158192,462	943,671
2	24M	462660,658	9158221,121	944,633
3	24M	462616,412	9158240,527	943,671
4	24M	462577,950	9158254,480	942,230
5	24M	462535,125	9158277,566	941,749
6	24M	462508,013	9158307,456	941,749
7	24M	462490,177	9158344,498	941,268
8	24M	462512,253	9158382,109	940,787
9	24M	462546,661	9158410,741	939,826
10	24M	462572,231	9158449,244	938,865
11	24M	462594,246	9158483,037	938,384
12	24M	462589,769	9158521,164	937,423
13	24M	462584,083	9158567,881	936,942
14	24M	462598,919	9158606,987	936,942
15	24M	462601,155	9158645,305	935,500
16	24M	462637,622	9158664,923	936,942
17	24M	462678,902	9158677,835	935,981
18	24M	462721,850	9158698,551	935,020
19	24M	462766,021	9158726,801	934,539
20	24M	462803,052	9158747,022	934,058
21	24M	462843,912	9158765,438	933,577
22	24M	462885,947	9158783,234	933,097
23	24M	462929,979	9158800,587	932,616
24	24M	462973,233	9158819,579	931,655
25	24M	463012,611	9158841,858	931,174
26	24M	463050,091	9158868,371	930,213
27	24M	463086,756	9158895,438	929,732
28	24M	463123,856	9158922,784	929,252
29	24M	463161,371	9158950,843	928,290
30	24M	463199,921	9158979,942	927,810
31	24M	463237,267	9159011,290	927,329
32	24M	463270,489	9159044,211	926,848
33	24M	463297,937	9159070,623	926,368
34	24M	463330,536	9159108,288	925,406
35	24M	463359,700	9159138,945	924,926
36	24M	463394,045	9159166,640	924,445
37	24M	463429,029	9159192,492	923,964
38	24M	463463,281	9159220,660	923,484
39	24M	463500,378	9159251,341	923,003
40	24M	463534,711	9159283,244	923,003
41	24M	463569,924	9159311,459	922,042
42	24M	463592,456	9159347,883	921,080
43	24M	463595,174	9159395,987	920,600
44	24M	463605,925	9159446,246	920,600
45	24M	463626,322	9159481,270	920,119
46	24M	463652,196	9159512,674	919,638
47	24M	463678,242	9159558,720	919,158
48	24M	463700,035	9159594,486	919,158
49	24M	463723,696	9159629,438	918,677
50	24M	463759,605	9159667,142	918,677
51	24M	463784,309	9159705,060	918,196
52	24M	463810,156	9159745,925	918,196



Serra Brejinho2.txt

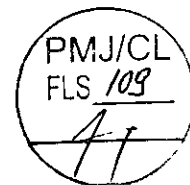
209	24M	465077,358	9161813,112	888,396
210	24M	465117,163	9161812,344	888,396
211	24M	465160,118	9161816,063	888,396
212	24M	465205,522	9161807,469	887,915
213	24M	465240,998	9161784,209	887,915
214	24M	465262,708	9161745,213	888,396
215	24M	465284,689	9161703,021	888,396
216	24M	465305,166	9161669,742	888,396
217	24M	465329,875	9161638,904	887,915
218	24M	465368,642	9161615,692	887,434
219	24M	465413,037	9161608,709	887,434
220	24M	465461,069	9161597,180	887,434
221	24M	465499,258	9161580,824	886,953
222	24M	465516,334	9161621,544	886,953
223	24M	465528,547	9161661,017	886,473
224	24M	465529,913	9161664,317	886,953

A handwritten signature or mark, possibly initials, located at the end of the last row of the table.



Serra Brejinho2.txt

157	24M	464962,785	9163035,353	867,247
158	24M	464936,032	9163064,336	867,247
159	24M	464903,544	9163097,458	867,247
160	24M	464872,641	9163125,902	867,727
161	24M	464839,480	9163155,742	867,727
162	24M	464810,790	9163191,656	860,517
163	24M	464800,018	9163191,148	875,898
164	24M	464759,044	9163170,964	875,898
165	24M	464718,070	9163150,770	875,898
166	24M	464677,096	9163130,586	875,898
167	24M	464636,122	9163110,401	875,898
168	24M	464595,147	9163090,208	875,898
169	24M	464554,173	9163070,023	875,898
170	24M	464513,578	9163050,117	875,898
171	24M	464464,005	9163030,445	874,937
172	24M	464416,823	9163028,131	875,418
173	24M	464374,097	9163038,681	876,860
174	24M	464383,063	9163004,764	876,379
175	24M	464397,221	9162965,365	876,860
176	24M	464412,351	9162923,974	877,341
177	24M	464426,788	9162881,221	877,821
178	24M	464441,161	9162838,811	878,302
179	24M	464454,857	9162797,317	879,263
180	24M	464466,751	9162756,406	879,744
181	24M	464474,556	9162716,409	880,224
182	24M	464483,582	9162677,118	880,705
183	24M	464497,516	9162627,359	881,666
184	24M	464510,216	9162583,919	882,628
185	24M	464521,129	9162542,340	882,628
186	24M	464536,010	9162500,068	883,589
187	24M	464549,567	9162459,816	884,070
188	24M	464559,907	9162418,339	884,550
189	24M	464565,781	9162376,877	885,031
190	24M	464573,325	9162327,743	885,992
191	24M	464582,369	9162288,961	886,953
192	24M	464600,517	9162241,503	887,434
193	24M	464603,480	9162199,307	888,876
194	24M	464612,853	9162165,056	886,473
195	24M	464623,980	9162122,069	885,992
196	24M	464638,180	9162075,072	885,992
197	24M	464653,874	9162032,162	885,512
198	24M	464666,379	9161989,175	885,512
199	24M	464682,856	9161963,372	890,318
200	24M	464686,585	9161922,158	890,799
201	24M	464727,328	9161903,229	890,799
202	24M	464770,662	9161894,579	890,799
203	24M	464814,916	9161891,183	890,799
204	24M	464853,623	9161875,236	890,799
205	24M	464895,859	9161850,109	890,318
206	24M	464938,327	9161835,416	888,876
207	24M	464982,953	9161829,713	888,876
208	24M	465030,508	9161827,116	888,396



Serra Brejinho2.txt

105	24M	464668,667	9161821,226	893,202
106	24M	464676,745	9161862,448	892,241
107	24M	464685,865	9161908,555	891,760
108	24M	464686,853	9161959,409	890,799
109	24M	464678,604	9162000,072	890,318
110	24M	464667,325	9162035,109	889,837
111	24M	464651,866	9162084,441	888,876
112	24M	464638,012	9162126,953	888,396
113	24M	464626,548	9162162,602	887,915
114	24M	464618,103	9162191,997	887,915
115	24M	464604,964	9162229,924	887,915
116	24M	464588,615	9162270,628	887,434
117	24M	464574,532	9162308,980	887,434
118	24M	464568,014	9162345,345	886,953
119	24M	464560,804	9162392,681	886,473
120	24M	464554,181	9162434,829	885,992
121	24M	464541,150	9162475,341	885,512
122	24M	464525,353	9162519,084	884,550
123	24M	464511,894	9162565,406	884,550
124	24M	464499,482	9162607,475	884,070
125	24M	464485,192	9162650,877	883,108
126	24M	464475,984	9162685,961	882,147
127	24M	464468,098	9162735,539	881,186
128	24M	464455,549	9162786,847	880,224
129	24M	464442,983	9162825,005	880,224
130	24M	464429,343	9162864,766	879,263
131	24M	464415,693	9162905,787	879,263
132	24M	464397,968	9162954,932	878,783
133	24M	464383,015	9162994,460	878,783
134	24M	464380,962	9163033,200	878,783
135	24M	464418,144	9163028,725	877,341
136	24M	464466,250	9163032,958	876,379
137	24M	464505,772	9163052,697	875,418
138	24M	464545,497	9163074,113	874,456
139	24M	464581,451	9163093,913	873,495
140	24M	464617,503	9163117,588	872,534
141	24M	464650,090	9163138,998	871,092
142	24M	464690,365	9163166,641	870,130
143	24M	464730,254	9163192,375	868,689
144	24M	464777,890	9163205,717	867,247
145	24M	464809,495	9163179,831	867,247
146	24M	464843,872	9163155,041	867,727
147	24M	464875,627	9163126,274	867,247
148	24M	464906,068	9163097,951	867,247
149	24M	464935,068	9163067,838	867,247
150	24M	464968,640	9163032,253	867,247
151	24M	464991,032	9162996,788	868,208
152	24M	465015,965	9162952,403	869,169
153	24M	465047,600	9162921,986	869,650
154	24M	465035,944	9162929,668	868,689
155	24M	465000,407	9162960,592	868,208
156	24M	464986,262	9162996,266	867,727



Serra Brejinho2.txt

53	24M	463843,568	9159786,157	917,716
54	24M	463872,974	9159816,425	917,716
55	24M	463903,831	9159847,101	917,235
56	24M	463937,798	9159874,165	916,754
57	24M	463967,355	9159901,060	916,274
58	24M	464006,362	9159937,812	915,793
59	24M	464040,091	9159962,467	915,313
60	24M	464069,269	9159989,148	914,832
61	24M	464096,225	9160031,710	914,351
62	24M	464116,216	9160078,409	913,870
63	24M	464130,391	9160126,882	913,870
64	24M	464134,614	9160165,980	913,390
65	24M	464152,198	9160205,912	912,909
66	24M	464172,454	9160244,660	911,948
67	24M	464198,103	9160292,382	911,948
68	24M	464223,825	9160329,532	911,948
69	24M	464246,946	9160370,191	911,467
70	24M	464271,909	9160408,322	910,987
71	24M	464299,854	9160438,764	910,506
72	24M	464345,128	9160468,209	910,025
73	24M	464383,492	9160488,142	909,545
74	24M	464424,233	9160508,317	909,064
75	24M	464466,011	9160526,158	908,583
76	24M	464506,571	9160540,838	908,583
77	24M	464543,112	9160563,938	907,622
78	24M	464575,597	9160594,524	906,660
79	24M	464608,718	9160617,073	906,180
80	24M	464641,948	9160641,348	906,180
81	24M	464649,349	9160685,544	905,219
82	24M	464643,333	9160730,824	905,219
83	24M	464638,107	9160771,286	905,219
84	24M	464633,508	9160813,611	905,219
85	24M	464628,855	9160854,741	904,738
86	24M	464623,866	9160899,845	904,257
87	24M	464617,682	9160947,887	904,257
88	24M	464612,449	9160998,004	903,777
89	24M	464607,362	9161049,484	903,296
90	24M	464601,101	9161102,186	902,815
91	24M	464595,107	9161156,046	902,335
92	24M	464590,184	9161211,075	901,854
93	24M	464588,026	9161266,403	900,893
94	24M	464590,852	9161320,483	900,412
95	24M	464594,973	9161361,721	899,931
96	24M	464603,179	9161404,880	898,970
97	24M	464610,986	9161451,013	898,489
98	24M	464619,396	9161492,857	898,009
99	24M	464626,770	9161537,405	897,047
100	24M	464631,884	9161584,871	896,567
101	24M	464639,050	9161635,146	896,086
102	24M	464647,492	9161684,616	895,125
103	24M	464655,307	9161732,510	894,644
104	24M	464661,134	9161779,466	893,683





Serra Brejinho2.txt

1	24M	462638,796	9158192,462	943,671
2	24M	462660,658	9158221,121	944,633
3	24M	462616,412	9158240,527	943,671
4	24M	462577,950	9158254,480	942,230
5	24M	462535,125	9158277,566	941,749
6	24M	462508,013	9158307,456	941,749
7	24M	462490,177	9158344,498	941,268
8	24M	462512,253	9158382,109	940,787
9	24M	462546,661	9158410,741	939,826
10	24M	462572,231	9158449,244	938,865
11	24M	462594,246	9158483,037	938,384
12	24M	462589,769	9158521,164	937,423
13	24M	462584,083	9158567,881	936,942
14	24M	462598,919	9158606,987	936,942
15	24M	462601,155	9158645,305	935,500
16	24M	462637,622	9158664,923	936,942
17	24M	462678,902	9158677,835	935,981
18	24M	462721,850	9158698,551	935,020
19	24M	462766,021	9158726,801	934,539
20	24M	462803,052	9158747,022	934,058
21	24M	462843,912	9158765,438	933,577
22	24M	462885,947	9158783,234	933,097
23	24M	462929,979	9158800,587	932,616
24	24M	462973,233	9158819,579	931,655
25	24M	463012,611	9158841,858	931,174
26	24M	463050,091	9158868,371	930,213
27	24M	463086,756	9158895,438	929,732
28	24M	463123,856	9158922,784	929,252
29	24M	463161,371	9158950,843	928,290
30	24M	463199,921	9158979,942	927,810
31	24M	463237,267	9159011,290	927,329
32	24M	463270,489	9159044,211	926,848
33	24M	463297,937	9159070,623	926,368
34	24M	463330,536	9159108,288	925,406
35	24M	463359,700	9159138,945	924,926
36	24M	463394,045	9159166,640	924,445
37	24M	463429,029	9159192,492	923,964
38	24M	463463,281	9159220,660	923,484
39	24M	463500,378	9159251,341	923,003
40	24M	463534,711	9159283,244	923,003
41	24M	463569,924	9159311,459	922,042
42	24M	463592,456	9159347,883	921,080
43	24M	463595,174	9159395,987	920,600
44	24M	463605,925	9159446,246	920,600
45	24M	463626,322	9159481,270	920,119
46	24M	463652,196	9159512,674	919,638
47	24M	463678,242	9159558,720	919,158
48	24M	463700,035	9159594,486	919,158
49	24M	463723,696	9159629,438	918,677
50	24M	463759,605	9159667,142	918,677
51	24M	463784,309	9159705,060	918,196
52	24M	463810,156	9159745,925	918,196



Serra Brejinho Antena.txt

53	24M	465784,638	9161397,566	886,473
54	24M	465745,383	9161419,305	886,953
55	24M	465703,320	9161435,602	887,915
56	24M	465656,658	9161432,214	888,396
57	24M	465606,887	9161431,882	889,357
58	24M	465563,254	9161446,009	889,837
59	24M	465530,112	9161465,444	890,799
60	24M	465491,048	9161489,638	891,279
61	24M	465473,097	9161521,779	890,318
62	24M	465491,196	9161566,743	888,876
63	24M	465508,279	9161611,345	887,915
64	24M	465519,597	9161648,557	887,434
65	24M	465523,703	9161672,523	885,512




Serra Brejinho Antena.txt

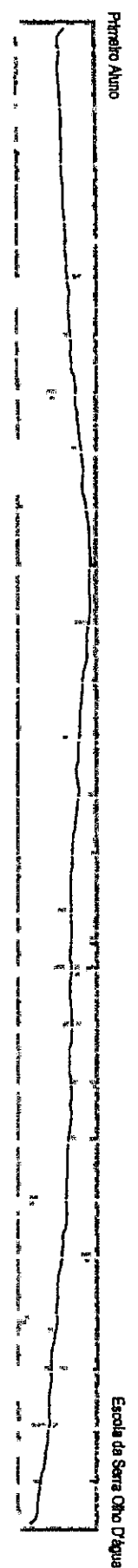
1	24M	466658,125	9160694,400	880,705
2	24M	466650,734	9160739,975	881,666
3	24M	466635,479	9160777,855	881,666
4	24M	466621,694	9160817,690	881,666
5	24M	466605,273	9160857,866	881,186
6	24M	466589,083	9160897,422	881,666
7	24M	466583,840	9160937,949	881,186
8	24M	466605,704	9160982,424	880,224
9	24M	466628,521	9161023,971	879,263
10	24M	466662,211	9161054,129	878,302
11	24M	466669,815	9161088,567	877,821
12	24M	466634,361	9161121,679	878,302
13	24M	466608,341	9161151,869	877,341
14	24M	466577,870	9161185,753	877,821
15	24M	466535,646	9161196,018	877,821
16	24M	466487,751	9161209,940	878,783
17	24M	466447,795	9161230,140	879,263
18	24M	466407,078	9161252,786	879,263
19	24M	466372,171	9161271,238	879,263
20	24M	466369,031	9161305,373	878,783
21	24M	466387,848	9161342,720	877,341
22	24M	466407,145	9161380,911	875,898
23	24M	466432,093	9161418,206	874,937
24	24M	466459,439	9161448,795	873,495
25	24M	466480,208	9161485,374	872,053
26	24M	466495,695	9161525,536	870,130
27	24M	466512,326	9161568,247	868,689
28	24M	466524,491	9161612,566	867,247
29	24M	466524,799	9161661,428	866,285
30	24M	466528,331	9161700,626	865,805
31	24M	466526,102	9161740,841	863,401
32	24M	466499,194	9161770,112	862,921
33	24M	466461,260	9161793,761	863,401
34	24M	466426,943	9161813,725	863,401
35	24M	466381,757	9161826,629	864,363
36	24M	466338,458	9161813,699	867,247
37	24M	466312,701	9161783,483	867,727
38	24M	466283,048	9161745,785	870,130
39	24M	466256,896	9161712,074	871,572
40	24M	466220,469	9161681,702	873,495
41	24M	466181,142	9161648,603	874,937
42	24M	466147,442	9161619,714	875,898
43	24M	466104,177	9161597,445	877,341
44	24M	466063,576	9161586,306	878,302
45	24M	466023,882	9161561,175	879,744
46	24M	465994,253	9161528,778	880,224
47	24M	465967,184	9161484,975	881,666
48	24M	465946,548	9161444,523	882,628
49	24M	465918,941	9161403,574	883,589
50	24M	465887,311	9161363,493	884,070
51	24M	465857,135	9161347,636	884,550
52	24M	465819,273	9161373,007	885,992



ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
7	1	1	Serra Baixa Funda/Serra Taquari/Serra Olho D'água Escola da Serra Olho D'água	UTM 2-24M E(X)466031,31 ; N(Y) 9157028,11	UTM 2-24M E(X)467374,74 ; N(Y) 9159409,06	43,96	Carroçável	Micro Ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevalencar@gmail.com	LEVANTAMENTO:  <div style="text-align: center;">   <b>CLEVALANCAR DE OLIVEIRA</b>  <small>TEC. CONS. CIVIL TOPO. ESTRADAS          CREA: RNP 060784563-5</small> </div>	
	<b>LOCAL:</b> SERRA OLHO D'ÁGUA (rota 07) - JARDIM - CE <b>PROPRIETÁRIO:</b> PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)	<b>PRANCHA:</b> <div style="font-size: 2em; font-weight: bold;">1 / 2</div>
<b>CONTEÚDO:</b> PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SERRA OLHO D'ÁGUA		
<b>PERCURSO UNITÁRIO :</b> 10,99 km	<b>DATA:</b> ABRIL / 2018	<b>ESCALA:</b> 1 : 30.000



ITEM	PERÍODO	ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
7	1	Serra Raixa Funda/Serra Taquari/Serra Olho D'Água Escola da Serra Olho D'Água	UTM/2-24M EQ0466031,31 : NY)	UTM/2-24M EQ0467374,74 : NY) 9159409,06	43,96	Carroçável	Micro Ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO** LEVANTAMENTO:

TOPOGRAFIA E GEODESIA LTDA. (88) 99688-8559/99652-4881  
clevaldalencaer@gmail.com

CLEVALD ALENCAER DE OLIVEIRA  
TEC. CONSULT. TOPO. ESTRADAS  
CREAL RNP 0907/4993-5

LOCAL: SERRA OLHO D'ÁGUA (rota 07) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

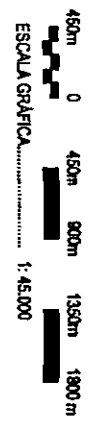
PRANCHA: 212

CONTEÚDO: PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SERRA OLHO D'ÁGUA

PERCURSO UNITÁRIO : 10,99 km

DATA: ABRIL / 2018

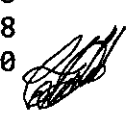
ESCALA: 1 : 45.000





Serra Olho D'água1.txt

1	24M	466031,305	9157028,113	919,158
2	24M	466031,688	9156970,283	914,832
3	24M	466029,652	9156908,197	914,351
4	24M	466028,915	9156853,683	915,793
5	24M	466027,967	9156796,074	914,832
6	24M	466026,990	9156739,002	914,351
7	24M	466026,522	9156683,348	914,832
8	24M	466026,153	9156629,159	915,313
9	24M	466025,940	9156578,305	915,793
10	24M	466023,275	9156530,035	916,274
11	24M	466024,541	9156479,266	916,274
12	24M	466022,482	9156423,231	916,754
13	24M	466023,964	9156368,329	916,754
14	24M	466023,337	9156314,028	916,754
15	24M	466021,129	9156260,440	916,274
16	24M	466019,135	9156204,071	917,235
17	24M	466020,083	9156145,574	917,235
18	24M	466019,807	9156090,838	916,754
19	24M	466020,569	9156034,777	916,754
20	24M	466018,036	9155982,949	916,754
21	24M	466017,344	9155928,296	917,235
22	24M	466016,290	9155877,488	918,196
23	24M	466016,744	9155824,244	918,196
24	24M	466016,351	9155765,143	918,196
25	24M	466015,934	9155714,762	918,196
26	24M	466016,299	9155657,543	918,677
27	24M	466016,116	9155602,510	919,158
28	24M	466015,327	9155542,835	919,638
29	24M	466015,575	9155493,297	919,638
30	24M	466014,795	9155433,909	919,158
31	24M	466008,393	9155374,767	920,119
32	24M	465997,841	9155329,271	920,600
33	24M	465947,964	9155317,282	920,119
34	24M	465897,876	9155316,764	920,600
35	24M	465842,499	9155317,197	921,080
36	24M	465785,950	9155315,627	922,522
37	24M	465733,912	9155314,033	921,561
38	24M	465675,470	9155309,163	921,561
39	24M	465624,927	9155324,286	922,042
40	24M	465578,723	9155359,576	922,522
41	24M	465526,583	9155384,437	922,522
42	24M	465472,252	9155395,610	923,484
43	24M	465421,691	9155422,482	923,484
44	24M	465366,946	9155444,783	923,003
45	24M	465311,705	9155460,681	923,964
46	24M	465258,205	9155447,994	923,964
47	24M	465252,210	9155403,196	925,887
48	24M	465223,208	9155354,925	926,368
49	24M	465186,268	9155313,552	926,848
50	24M	465141,812	9155285,776	926,848
51	24M	465104,172	9155253,659	926,848
52	24M	465070,309	9155215,170	927,810





Serra Olho D'água1.txt

53	24M	465052,203	9155170,558	927,810
54	24M	465035,589	9155121,869	928,771
55	24M	465019,105	9155072,208	929,252
56	24M	465008,124	9155019,948	929,732
57	24M	464994,591	9154968,510	930,694
58	24M	464966,304	9154927,772	931,174
59	24M	464934,935	9154880,148	931,655
60	24M	464900,762	9154835,052	932,616
61	24M	464876,624	9154785,904	932,136
62	24M	464864,179	9154737,784	932,136
63	24M	464844,286	9154685,572	932,136
64	24M	464859,038	9154638,797	933,577
65	24M	464893,486	9154598,097	934,539
66	24M	464929,967	9154558,641	935,020
67	24M	464970,649	9154513,794	935,981
68	24M	464996,207	9154468,640	936,461
69	24M	465028,701	9154419,571	936,942
70	24M	465056,752	9154365,810	936,942
71	24M	465075,490	9154316,712	937,423
72	24M	465099,189	9154272,890	937,903
73	24M	465143,849	9154247,487	936,942
74	24M	465144,672	9154197,135	936,942
75	24M	465127,334	9154152,792	936,942
76	24M	465114,305	9154183,333	936,461
77	24M	465076,140	9154324,922	937,423
78	24M	465058,042	9154371,491	936,942
79	24M	465034,047	9154416,220	936,461
80	24M	465005,185	9154466,626	935,500
81	24M	464976,056	9154515,188	934,539
82	24M	464938,278	9154558,517	935,020
83	24M	464898,236	9154601,270	935,020
84	24M	464866,055	9154638,784	935,020
85	24M	464843,253	9154682,866	933,577
86	24M	464862,877	9154735,643	932,136
87	24M	464879,509	9154785,498	931,655
88	24M	464900,458	9154834,375	931,655
89	24M	464931,312	9154878,635	931,174
90	24M	464963,600	9154921,942	930,694
91	24M	464993,871	9154967,091	930,213
92	24M	465011,370	9155019,033	930,213
93	24M	465023,942	9155069,701	929,732
94	24M	465040,211	9155122,503	929,252
95	24M	465060,890	9155174,567	928,771
96	24M	465079,629	9155225,166	928,290
97	24M	465110,192	9155264,042	928,290
98	24M	465150,445	9155299,969	928,290
99	24M	465195,318	9155327,402	926,848
100	24M	465232,127	9155370,545	927,329
101	24M	465246,540	9155420,418	928,290
102	24M	465279,351	9155456,617	929,252
103	24M	465338,372	9155453,723	928,290
104	24M	465387,742	9155438,016	927,810



Serra Olho D'água1.txt

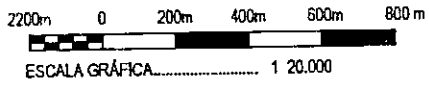
105	24M	465436,933	9155413,394	927,329
106	24M	465488,360	9155391,618	926,368
107	24M	465543,391	9155383,161	925,887
108	24M	465589,023	9155357,916	924,445
109	24M	465629,612	9155326,717	924,445
110	24M	465679,371	9155309,778	923,964
111	24M	465734,568	9155314,376	923,964
112	24M	465785,846	9155318,917	923,964
113	24M	465846,907	9155320,860	923,003
114	24M	465896,311	9155320,970	923,003
115	24M	465956,272	9155322,088	923,003
116	24M	466010,221	9155326,500	923,003
117	24M	466023,922	9155379,041	923,003
118	24M	466026,359	9155435,103	923,003
119	24M	466025,378	9155488,847	923,003
120	24M	466024,995	9155545,205	923,484
121	24M	466024,380	9155604,342	923,484
122	24M	466023,356	9155666,258	923,003
123	24M	466022,158	9155724,682	922,522
124	24M	466022,927	9155774,720	922,042
125	24M	466023,609	9155829,707	923,003
126	24M	466023,563	9155893,941	923,003
127	24M	466022,876	9155949,418	922,042
128	24M	466023,958	9156001,495	922,042
129	24M	466025,937	9156052,331	922,042
130	24M	466025,955	9156103,908	922,522
131	24M	466025,803	9156161,877	923,484
132	24M	466025,646	9156212,990	923,484
133	24M	466028,990	9156268,266	923,484
134	24M	466033,053	9156328,000	923,484
135	24M	466034,402	9156379,614	923,484
136	24M	466030,855	9156440,926	921,561
137	24M	466030,373	9156494,754	921,561
138	24M	466029,900	9156548,832	921,561
139	24M	466030,146	9156604,652	921,561
140	24M	466031,359	9156666,691	922,522
141	24M	466033,413	9156729,444	923,003
142	24M	466035,459	9156790,186	923,003
143	24M	466036,739	9156849,713	922,042
144	24M	466037,667	9156909,991	923,003
145	24M	466037,762	9156970,491	922,522
146	24M	466039,636	9157025,719	922,042
147	24M	466044,561	9157081,580	921,080
148	24M	466055,808	9157139,641	920,600
149	24M	466067,522	9157190,716	920,119
150	24M	466082,286	9157243,369	920,119
151	24M	466102,428	9157300,695	920,119
152	24M	466121,780	9157349,459	920,119
153	24M	466148,847	9157393,391	919,638
154	24M	466180,482	9157434,945	919,638
155	24M	466210,599	9157479,509	919,158
156	24M	466236,842	9157525,628	919,158





Serra Olho D'água1.txt

157	24M	466249,015	9157580,771	919,638
158	24M	466255,542	9157633,908	919,638
159	24M	466262,871	9157690,058	918,677
160	24M	466281,201	9157746,419	916,754
161	24M	466304,084	9157798,178	917,235
162	24M	466325,431	9157851,141	916,274
163	24M	466335,360	9157903,271	916,274
164	24M	466347,787	9157954,402	915,313
165	24M	466364,871	9158007,992	913,870
166	24M	466385,787	9158056,469	913,390
167	24M	466408,280	9158109,951	912,909
168	24M	466410,505	9158167,246	913,390
169	24M	466421,715	9158227,050	912,429
170	24M	466439,109	9158273,662	911,948
171	24M	466455,619	9158329,475	912,909
172	24M	466472,053	9158375,985	912,429
173	24M	466519,624	9158396,293	910,987
174	24M	466554,145	9158438,534	910,506
175	24M	466596,221	9158478,446	909,064
176	24M	466642,220	9158513,366	908,583
177	24M	466651,180	9158564,726	908,103
178	24M	466670,747	9158625,443	908,103
179	24M	466705,078	9158674,346	908,103
180	24M	466734,296	9158723,756	907,622
181	24M	466763,439	9158774,676	906,660
182	24M	466788,070	9158826,510	906,660
183	24M	466814,190	9158877,363	907,141
184	24M	466857,823	9158912,772	907,141
185	24M	466896,534	9158953,237	906,660
186	24M	466938,175	9158994,130	905,699
187	24M	466982,286	9159033,255	905,699
188	24M	467026,124	9159079,089	904,257
189	24M	467057,306	9159124,469	903,777
190	24M	467086,251	9159169,189	903,296
191	24M	467107,422	9159223,856	901,373
192	24M	467109,626	9159273,284	900,412
193	24M	467143,711	9159318,203	899,931
194	24M	467192,653	9159337,575	898,970
195	24M	467245,356	9159360,444	898,489
196	24M	467298,651	9159381,468	898,489
197	24M	467344,840	9159397,799	897,047
198	24M	467377,839	9159409,340	893,202



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
8	1	1	Sítio Braz/ Sede Escola Senador Carlos Jeressate	UTM Z-24 M E(X)466067,86 ; N(Y) 9164172,81	UTM Z-24 M E(X)468680,36 ; N(Y) 9161761,66	17,62	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTDA.  
(88)  
99688-8559/99652-4881  
clevlandalencar@gmail.com

LEVANTAMENTO:

CLEVLAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO, ESTRADAS  
CREA: RNP 060784563-5

LOCAL: SÍTIO BRAZ (rota 08) - JARDIM - CE  
 PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHA:  
**1 / 2**

CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO BRAZ

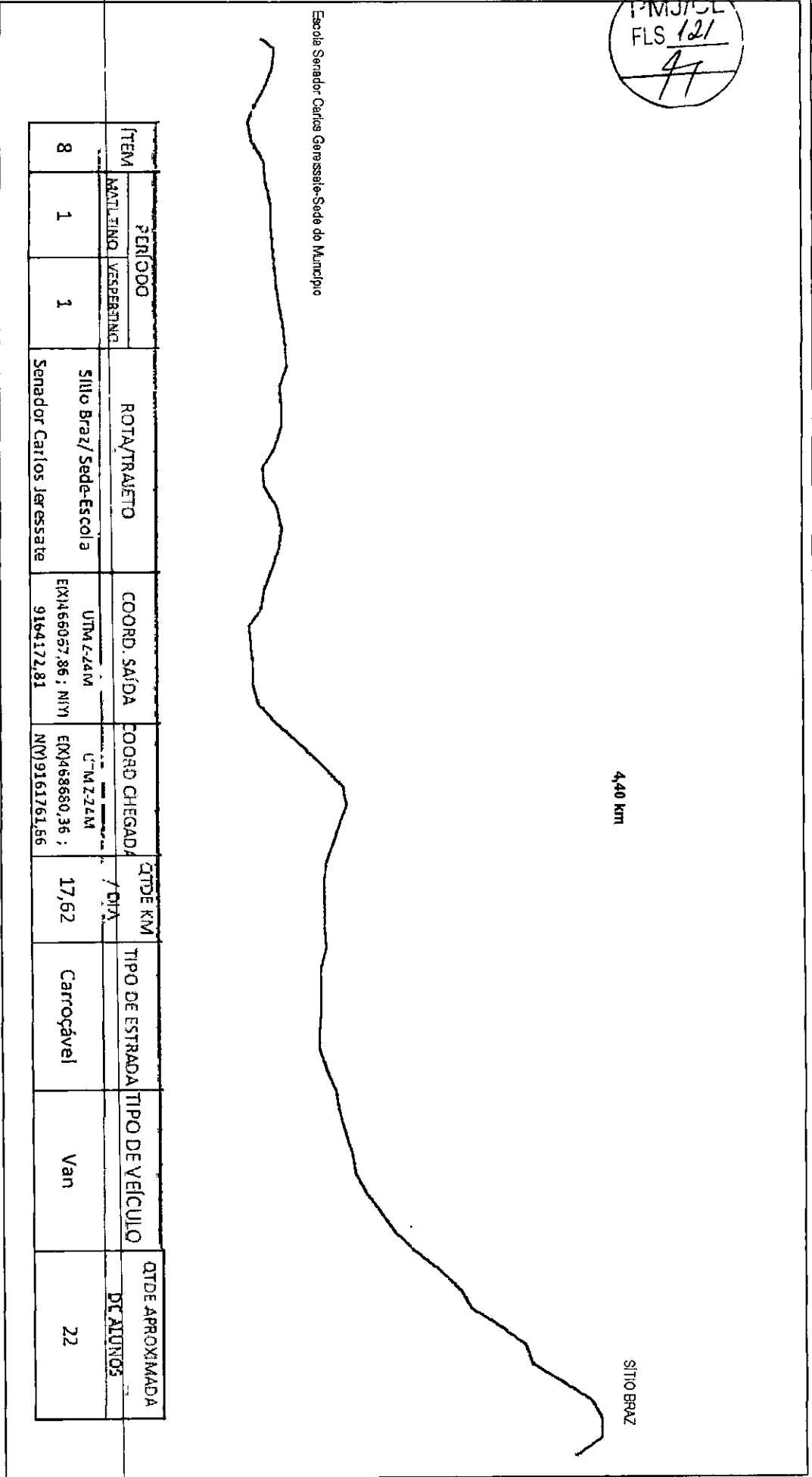
PERCURSO UNITÁRIO : 4,40 km

DATA: ABRIL / 2018

ESCALA: 1 : 20.000

PMJ/CE  
FLS 121  
47

Escola Senador Carlos Jeressate-Sede do Município



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MAT. LINO	VESPERTINO							
8	1	1	Sítio Braz/ Sede-Escola Senador Carlos Jeressate	UTM 6-24M EIX466037,86 ; N17M 9164172,81	UTM 2-24M EIX468680,36 ; N17M 9161761,56	17,62	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTDA.  
(88)  
99688-8558/99652-4884  
clevlandalencar@gmail.com

**LEVANTAMENTO:**  
CLEVLAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL, TOPO. ESTRADAS  
CREA: RNP 060794585-5

**LOCAL:** SÍTIO BRAZ (rota 08) - JARDIM - CE  
**PROPRIETÁRIO:** PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

**CONTEÚDO:** PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO BRAZ

**PERCURSO UNITÁRIO:** 4,40 km

**DATA:** ABRIL / 2018

**ESCALA:** 1 : 15.000

**PRANCHETA:** 212





Sitio Braz1.txt

1	24M	466062,727	9164171,354	745,640
2	24M	466096,779	9164135,369	752,850
3	24M	466143,475	9164108,530	752,850
4	24M	466177,341	9164074,019	749,966
5	24M	466219,025	9164047,380	742,275
6	24M	466251,100	9164009,670	734,104
7	24M	466276,596	9163965,154	732,181
8	24M	466313,957	9163930,562	725,452
9	24M	466351,947	9163896,507	717,281
10	24M	466393,253	9163867,273	714,397
11	24M	466430,356	9163832,828	709,110
12	24M	466457,432	9163788,823	702,380
13	24M	466500,387	9163755,282	696,613
14	24M	466552,962	9163742,438	692,767
15	24M	466602,440	9163754,574	688,922
16	24M	466654,914	9163755,195	686,038
17	24M	466706,042	9163734,770	685,077
18	24M	466762,859	9163711,320	683,154
19	24M	466812,053	9163693,340	681,712
20	24M	466870,024	9163685,615	680,751
21	24M	466924,080	9163670,604	678,347
22	24M	466969,610	9163642,818	676,425
23	24M	467016,068	9163610,038	676,425
24	24M	467062,758	9163576,600	676,906
25	24M	467108,457	9163544,487	676,906
26	24M	467154,406	9163511,957	676,906
27	24M	467198,207	9163484,058	678,347
28	24M	467246,884	9163451,252	677,867
29	24M	467296,695	9163422,598	677,867
30	24M	467347,054	9163391,266	677,867
31	24M	467392,232	9163363,164	678,347
32	24M	467435,192	9163333,495	680,270
33	24M	467483,496	9163304,978	682,193
34	24M	467522,148	9163273,777	684,116
35	24M	467563,582	9163245,543	683,154
36	24M	467615,324	9163217,696	677,386
37	24M	467663,377	9163190,939	671,618
38	24M	467711,223	9163155,982	664,889
39	24M	467748,178	9163118,655	660,082
40	24M	467761,508	9163067,773	658,640
41	24M	467781,014	9163018,462	658,640
42	24M	467758,169	9162972,431	658,160
43	24M	467732,939	9162926,611	657,679
44	24M	467728,062	9162879,025	661,044
45	24M	467767,938	9162842,357	662,005
46	24M	467804,994	9162805,262	663,928
47	24M	467844,481	9162768,853	665,850
48	24M	467885,099	9162729,694	666,812
49	24M	467928,111	9162689,182	665,370
50	24M	467967,044	9162652,180	662,005
51	24M	468002,334	9162615,567	661,524
52	24M	468044,583	9162583,041	664,889




Sítio Braz1.txt

53	24M	468093,849	9152551,494	666,812
54	24M	468128,252	9152513,174	666,812
55	24M	468166,345	9152472,641	666,331
56	24M	468205,161	9152431,107	668,254
57	24M	468247,621	9152386,398	667,773
58	24M	468283,103	9152351,867	667,292
59	24M	468315,822	9152314,435	666,331
60	24M	468359,140	9152272,626	665,370
61	24M	468395,547	9152237,578	664,889
62	24M	468432,152	9152195,839	664,408
63	24M	468463,758	9152148,815	663,928
64	24M	468492,951	9152103,225	663,928
65	24M	468525,493	9152053,543	662,486
66	24M	468554,288	9152006,572	662,005
67	24M	468596,891	9151968,544	658,640
68	24M	468642,941	9151947,975	657,679
69	24M	468652,206	9151904,986	659,602
70	24M	468633,322	9151853,963	662,486
71	24M	468615,932	9151809,149	664,408
72	24M	468657,652	9151777,773	664,889
73	24M	468679,770	9151761,330	661,524



ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDF APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
9	1	1	Serra Baixa Funda/Serra Taquari/Serra tapada/Serra Olho D'água/Serra Besta Morta/ Escola da Serra Olho	UTM Z-24M EIX: 465908,08 - NNY 9157531,47 e UTM Z 24M EIX: 466636,51; NNY 9160768,74	UTM Z 24M EIX: 465526,18 ; NNY 9161674,19	51,77	Carroçável	Micro Ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevilandalencar@gmail.com	LEVANTAMENTO:  <b>CLEVLAND ALENCAR DE OLIVEIRA</b> <small>TEC. CONS. CIVIL TOPO. ESTRADAS          CREA: RNP 060784563-5</small>	PRANCHA: <b>1 / 2</b>
	<b>LOCAL:</b> SERRA OLHO D'ÁGUA (rota 09) - JARDIM - CE <b>PROPRIETÁRIO:</b> PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)	
<b>CONTEUDO:</b> PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SERRA OLHO D'ÁGUA		
<b>PERCURSO UNITÁRIO :</b> 12,94 km	<b>DATA:</b> ABRIL / 2018	<b>ESCALA:</b> 1 : 35.000

PMJ/CL  
Fls 125  
4

Primeiro Aluno

11,28 km

Escola da Serra Olho D'água

1,66 km

Primeiro Aluno

PERÍODO	LOCAL	COORDENADAS UTM	TIPO DE VEÍCULO	TIPO DE SERVIÇO	QUANTIDADE		
9	Serra Baixa Funda/Serra Taquari/Serra tapada/Serra Olho D'água/Serra Besta Morta/ Escola da Serra Olho	UTM Z-24M E(X)465908,08; N(Y) 9157531,47 e UTM Z-24M E(X)466636,51; N(Y) 9160768,74	UTM Z-24M	51,77	Carroçável	Micro Ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO TOPOGRAFIA E GEODESIA**

LTDA.  
(88)  
99688-8559/99652-4881  
clevlandalencar@gmail.com

LEVANTAMENTO: **SERRA OLHO D'ÁGUA (rota 09) - JARDIM - CE**

LOCAL: **SERRA OLHO D'ÁGUA (rota 09) - JARDIM - CE**

PROPRIETÁRIO: **PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)**

PRANCHA: **2/2**

CLEVLAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTADENS  
CREA: RNP 0607945635

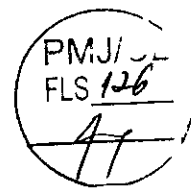


PERCURSO UNITÁRIO : 12,94 km

DATA:

ABRIL / 2018

ESCALA: 1 : 45.000



Serra Olho D'água2.txt

1	24M	465909,917	9157530,158	913,870
2	24M	465968,676	9157536,380	917,235
3	24M	466020,427	9157541,569	916,274
4	24M	466075,590	9157546,511	915,313
5	24M	466124,098	9157561,612	914,832
6	24M	466169,124	9157597,931	914,832
7	24M	466207,257	9157629,436	914,351
8	24M	466241,759	9157644,647	913,870
9	24M	466232,867	9157589,053	913,390
10	24M	466221,213	9157531,566	913,870
11	24M	466205,087	9157482,332	913,870
12	24M	466178,354	9157437,918	913,870
13	24M	466147,237	9157395,614	914,351
14	24M	466119,033	9157351,838	914,351
15	24M	466098,470	9157302,156	914,351
16	24M	466078,132	9157248,027	913,870
17	24M	466063,550	9157199,007	914,351
18	24M	466050,359	9157144,530	914,832
19	24M	466039,184	9157089,276	914,832
20	24M	466033,016	9157027,568	914,832
21	24M	466031,615	9156969,208	914,351
22	24M	466031,546	9156909,699	914,351
23	24M	466030,604	9156857,020	914,351
24	24M	466029,977	9156802,914	913,870
25	24M	466030,434	9156746,074	913,390
26	24M	466029,178	9156691,208	913,870
27	24M	466029,148	9156630,773	914,351
28	24M	466026,878	9156571,875	913,870
29	24M	466023,912	9156518,869	914,351
30	24M	466026,813	9156469,510	913,870
31	24M	466024,494	9156414,670	913,870
32	24M	466025,111	9156354,468	913,390
33	24M	466025,250	9156302,132	912,909
34	24M	466023,395	9156245,467	914,351
35	24M	466022,641	9156188,006	915,313
36	24M	466021,525	9156133,140	915,313
37	24M	466020,480	9156080,645	914,832
38	24M	466020,908	9156025,696	915,313
39	24M	466018,219	9155972,117	915,313
40	24M	466018,176	9155915,546	915,313
41	24M	466016,724	9155852,488	914,832
42	24M	466017,959	9155792,378	914,351
43	24M	466017,158	9155736,076	914,351
44	24M	466016,347	9155680,338	914,351
45	24M	466012,531	9155626,433	914,351
46	24M	466013,607	9155568,881	915,793
47	24M	466013,712	9155512,663	916,274
48	24M	466014,364	9155454,702	916,274
49	24M	466013,497	9155399,447	916,274
50	24M	466003,773	9155345,732	917,235
51	24M	466004,606	9155305,369	917,235
52	24M	466012,704	9155255,124	916,754





Serra Olho D'água2.txt

53	24M	466011,331	9155197,208	917,235
54	24M	466011,835	9155138,043	917,716
55	24M	466011,768	9155076,506	918,196
56	24M	466011,670	9155020,009	919,158
57	24M	466011,314	9154962,900	919,638
58	24M	466011,691	9154900,057	919,638
59	24M	466013,157	9154841,143	920,119
60	24M	466012,303	9154782,264	921,080
61	24M	466011,905	9154731,317	922,042
62	24M	466012,893	9154681,224	922,522
63	24M	466013,346	9154629,287	923,484
64	24M	466012,782	9154576,812	923,964
65	24M	465991,489	9154528,871	924,926
66	24M	465963,541	9154479,425	926,368
67	24M	465933,175	9154449,741	927,810
68	24M	465906,033	9154501,650	927,329
69	24M	465879,294	9154545,173	927,329
70	24M	465844,258	9154594,195	926,848
71	24M	465812,212	9154638,150	925,887
72	24M	465782,450	9154681,902	925,887
73	24M	465750,032	9154728,655	925,406
74	24M	465714,026	9154776,239	925,406
75	24M	465680,201	9154812,808	924,926
76	24M	465641,029	9154842,320	924,926
77	24M	465610,242	9154883,005	925,406
78	24M	465564,885	9154911,753	925,887
79	24M	465519,046	9154941,974	925,406
80	24M	465473,579	9154969,110	924,926
81	24M	465432,630	9155000,892	925,406
82	24M	465404,754	9155042,635	925,406
83	24M	465378,258	9155094,034	925,406
84	24M	465356,785	9155140,684	924,445
85	24M	465326,992	9155188,272	923,964
86	24M	465312,493	9155242,710	923,964
87	24M	465303,517	9155292,584	923,484
88	24M	465292,794	9155342,253	923,003
89	24M	465265,657	9155384,784	923,003
90	24M	465243,524	9155423,372	923,484
91	24M	465284,333	9155458,873	923,003
92	24M	465336,358	9155452,128	922,042
93	24M	465386,107	9155436,560	922,042
94	24M	465434,456	9155412,808	920,600
95	24M	465481,252	9155389,565	920,119
96	24M	465533,094	9155381,022	920,119
97	24M	465580,559	9155364,683	920,119
98	24M	465626,486	9155328,170	920,119
99	24M	465672,595	9155308,429	919,638
100	24M	465730,843	9155313,855	919,638
101	24M	465787,180	9155315,341	920,119
102	24M	465838,515	9155316,416	920,119
103	24M	465895,038	9155316,836	920,119
104	24M	465948,953	9155317,542	918,677



Serra Olho D'água2.txt

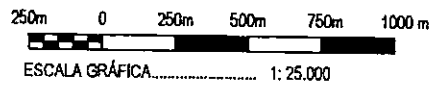
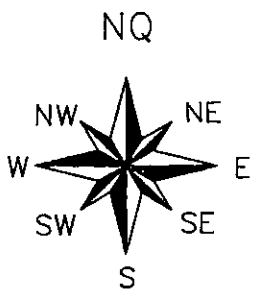
105	24M	466000,436	9155319,219	917,716
106	24M	466015,577	9155374,040	917,235
107	24M	466020,399	9155431,411	916,754
108	24M	466020,660	9155492,439	916,274
109	24M	466020,392	9155544,479	916,274
110	24M	466020,076	9155598,844	915,793
111	24M	466021,270	9155648,734	915,313
112	24M	466019,159	9155704,562	914,351
113	24M	466019,057	9155756,176	914,351
114	24M	466020,231	9155808,123	914,351
115	24M	466019,633	9155868,993	914,832
116	24M	466019,512	9155922,552	914,351
117	24M	466019,594	9155974,898	914,351
118	24M	466022,645	9156027,069	914,351
119	24M	466021,330	9156081,962	915,313
120	24M	466020,982	9156141,497	915,313
121	24M	466021,699	9156199,199	914,832
122	24M	466023,233	9156251,527	913,870
123	24M	466024,794	9156305,458	914,351
124	24M	466025,463	9156365,643	914,832
125	24M	466025,204	9156417,562	915,313
126	24M	466025,705	9156467,684	915,313
127	24M	466027,101	9156518,918	914,832
128	24M	465988,873	9156543,975	915,313
129	24M	465937,023	9156549,933	915,793
130	24M	465879,655	9156553,015	917,235
131	24M	465834,959	9156574,054	917,716
132	24M	465785,423	9156600,854	917,235
133	24M	465743,507	9156637,537	917,716
134	24M	465700,303	9156678,073	917,716
135	24M	465670,097	9156720,176	917,716
136	24M	465618,336	9156742,832	918,196
137	24M	465569,343	9156759,921	918,677
138	24M	465525,938	9156784,454	918,196
139	24M	465472,696	9156810,111	918,196
140	24M	465449,543	9156852,145	918,196
141	24M	465443,690	9156904,245	917,716
142	24M	465433,640	9156956,194	917,716
143	24M	465419,059	9157008,510	917,716
144	24M	465397,119	9157061,210	917,235
145	24M	465408,209	9157105,891	917,235
146	24M	465441,442	9157148,735	917,235
147	24M	465427,133	9157195,454	917,235
148	24M	465429,592	9157247,384	918,196
149	24M	465454,786	9157296,783	918,677
150	24M	465469,172	9157347,396	918,677
151	24M	465481,217	9157399,630	918,196
152	24M	465494,698	9157449,891	918,677
153	24M	465528,809	9157480,327	918,677
154	24M	465583,248	9157476,317	918,196
155	24M	465636,988	9157479,627	918,196
156	24M	465681,911	9157505,086	918,196

PMJ/CL  
FLS 128  
47

Serra Olho D'água2.txt


157	24M	465730,378	9157525,794	918,196
158	24M	465778,665	9157539,969	917,235
159	24M	465829,640	9157518,378	916,274
160	24M	465880,150	9157526,550	917,235
161	24M	465938,734	9157530,771	916,754
162	24M	465999,878	9157536,783	915,793
163	24M	466051,222	9157543,037	915,313
164	24M	466108,601	9157551,816	914,832
165	24M	466151,052	9157581,934	914,832
166	24M	466195,246	9157619,030	914,351
167	24M	466231,545	9157654,518	914,832
168	24M	466255,797	9157704,972	914,351
169	24M	466277,298	9157762,373	913,870
170	24M	466299,009	9157810,202	913,870
171	24M	466316,313	9157865,998	913,390
172	24M	466327,167	9157918,277	912,429
173	24M	466341,945	9157965,508	910,987
174	24M	466361,664	9158019,461	910,025
175	24M	466384,067	9158070,543	910,025
176	24M	466407,003	9158124,508	909,545
177	24M	466408,127	9158183,776	909,545
178	24M	466422,699	9158233,472	909,064
179	24M	466441,571	9158283,430	909,064
180	24M	466457,111	9158337,538	908,583
181	24M	466480,024	9158386,174	908,103
182	24M	466526,681	9158406,028	907,622
183	24M	466560,071	9158452,521	906,660
184	24M	466599,238	9158486,964	906,660
185	24M	466637,177	9158519,747	906,660
186	24M	466643,919	9158569,270	906,180
187	24M	466660,351	9158618,013	905,699
188	24M	466693,203	9158666,100	905,219
189	24M	466721,989	9158713,332	904,738
190	24M	466749,584	9158756,801	904,257
191	24M	466772,746	9158805,827	903,777
192	24M	466793,042	9158856,055	902,335
193	24M	466828,803	9158897,917	901,854
194	24M	466873,037	9158932,085	901,373
195	24M	466916,997	9158975,648	900,412
196	24M	466965,475	9159010,319	899,451
197	24M	467013,110	9159047,695	898,489
198	24M	467047,747	9159095,968	897,047
199	24M	467080,902	9159148,976	896,567
200	24M	467106,096	9159202,710	896,086
201	24M	467109,155	9159258,504	895,606
202	24M	467132,366	9159305,371	895,125
203	24M	467182,120	9159327,746	893,683
204	24M	467230,653	9159350,194	893,202
205	24M	467273,862	9159371,073	892,241
206	24M	467321,693	9159392,956	891,279
207	24M	467371,597	9159411,430	891,760
208	24M	467379,868	9159417,356	892,241

F. M. J. L.  
FLS 130  
77



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
10	1	1	Sítio Água Branca/ Sítio Lameirao/E.E.F. Algustinho Félix de Figueiredo	UTM Z-24M EQ0476214,09 ; NY19161655,40	UTM Z-24M EQ0472459,90 ; NY19161209,36	17,61	Carroçável	Micro Ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODESIA LTDA. (88) 99688-8559/99652-4881 clevilandalencar@gmail.com	LEVANTAMENTO: <div style="text-align: center;">   <b>CLEVLAND ALENCAR DE OLIVEIRA</b>  <small>TEC. CONS. CIVIL TOPO. ESTRADAS            CREA: RNP 060784563-5</small> </div>		PRANCHA: <b>1 / 2</b>
	<b>LOCAL:</b> SÍTIO ÁGUA BRANCA (rota 10) - JARDIM - CE <b>PROPRIETÁRIO:</b> PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)		
<b>CONTEÚDO:</b> PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO ÁGUA BRANCA			
<b>PERCURSO UNITÁRIO :</b> 4,40 km		<b>DATA:</b> ABRIL / 2018	<b>ESCALA:</b> 1 : 25.000

PMJ/CL  
FLS 131  
47

Escola do Sítio Água Branca

4,40 km

Primeiro Aluno

10	1	1	Sítio Água Branca/ Sítio Lameirão/E.E.F. Alguazinho Félix de Filgueiredo	UTMZ-24M EQ(476214,09; NY) 9161655,40	UTMZ-24M EQ(472459,90; NY)9161209,36	17,61	Carroçável	Micro Ônibus	29
----	---	---	--	---	--	-------	------------	--------------	----

LEVANTAMENTO PLANIMÉTRICO

TOPOGEO  
TOPOGRAFIA E  
GEODESIA

LTD.A.

(88)

99688-8559/99652-4884  
clevilandalencar@gmail.com

CLEVLANDALENCAR DE OLIVEIRA

TEC. CONS. CIVIL, TOPO. ESTRADAS  
CREA: RNP 0807845835

LOCAL: SÍTIO ÁGUA BRANCA (rota 10) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

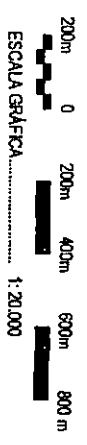
PRANCHIA:  
212

CONTEÚDO: PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO ÁGUA BRANCA

PERCURSO UNITÁRIO : 4,40 km

DATA: ABRIL / 2018

ESCALA: 1 : 20.000





Sítio Água Banca.txt

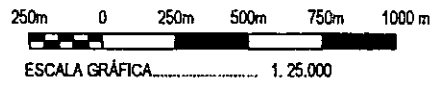
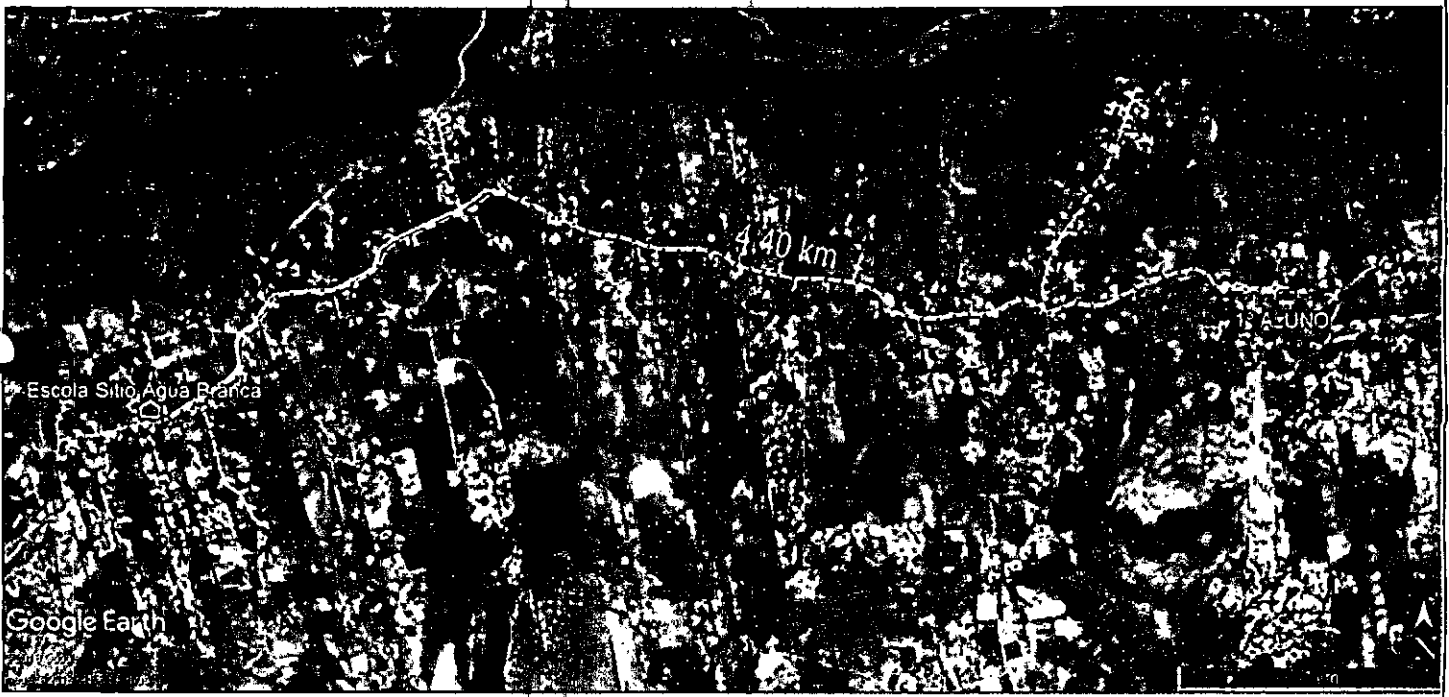
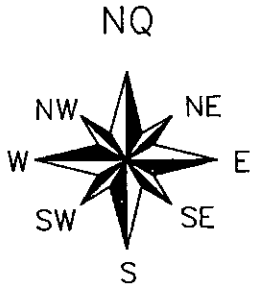
1	24M	472461,213	9161209,533	729,778
2	24M	472485,146	9161217,044	735,546
3	24M	472526,581	9161242,827	737,469
4	24M	472571,130	9161270,503	740,833
5	24M	472617,325	9161299,459	742,275
6	24M	472664,146	9161331,732	743,717
7	24M	472712,265	9161359,707	745,640
8	24M	472741,253	9161403,923	747,562
9	24M	472730,406	9161456,243	749,004
10	24M	472743,857	9161507,299	749,485
11	24M	472789,088	9161540,562	747,082
12	24M	472819,446	9161583,964	746,120
13	24M	472847,259	9161631,006	749,004
14	24M	472898,180	9161641,357	748,043
15	24M	472955,170	9161645,541	748,524
16	24M	473003,374	9161652,536	749,004
17	24M	473054,088	9161653,251	748,043
18	24M	473104,439	9161675,277	747,562
19	24M	473158,078	9161702,828	749,004
20	24M	473200,196	9161731,577	752,850
21	24M	473221,487	9161785,231	761,982
22	24M	473260,034	9161817,026	764,386
23	24M	473305,828	9161837,243	766,308
24	24M	473353,461	9161858,860	769,192
25	24M	473398,562	9161877,482	771,595
26	24M	473445,860	9161901,341	772,076
27	24M	473493,310	9161919,455	771,595
28	24M	473539,100	9161947,084	766,789
29	24M	473580,281	9161981,207	762,943
30	24M	473634,160	9161976,965	766,789
31	24M	473678,820	9161957,716	763,424
32	24M	473724,572	9161937,068	760,059
33	24M	473776,791	9161923,410	758,137
34	24M	473817,610	9161895,319	762,463
35	24M	473864,765	9161877,155	761,502
36	24M	473910,473	9161852,068	757,656
37	24M	473963,515	9161839,338	755,734
38	24M	474019,243	9161834,586	754,772
39	24M	474070,778	9161821,290	753,811
40	24M	474121,808	9161802,229	757,176
41	24M	474173,712	9161791,388	753,330
42	24M	474225,870	9161789,127	750,447
43	24M	474278,164	9161790,452	750,927
44	24M	474328,806	9161788,728	749,004
45	24M	474380,453	9161773,077	746,601
46	24M	474422,160	9161741,965	748,524
47	24M	474472,901	9161726,453	746,601
48	24M	474518,564	9161714,792	745,159
49	24M	474569,311	9161704,636	744,678
50	24M	474620,614	9161694,257	744,678
51	24M	474676,387	9161691,636	746,120
52	24M	474732,305	9161693,464	746,120



Sítio Água Banca.txt

53	24M	474788,850	9161684,292	745,159
54	24M	474838,910	9161679,639	742,756
55	24M	474889,208	9161662,161	740,353
56	24M	474929,857	9161637,998	737,469
57	24M	474959,829	9161591,349	736,507
58	24M	475009,159	9161567,913	737,469
59	24M	475062,153	9161558,044	738,911
60	24M	475116,972	9161557,090	736,988
61	24M	475171,721	9161568,210	736,988
62	24M	475223,523	9161574,112	739,872
63	24M	475276,051	9161570,664	739,872
64	24M	475331,160	9161582,563	740,833
65	24M	475361,762	9161604,354	737,469
66	24M	475408,426	9161623,124	734,585
67	24M	475456,872	9161612,279	736,507
68	24M	475499,819	9161577,034	730,259
69	24M	475544,829	9161593,884	735,546
70	24M	475592,696	9161610,375	734,585
71	24M	475645,162	9161601,784	730,259
72	24M	475695,053	9161601,689	734,585
73	24M	475742,914	9161629,994	737,469
74	24M	475793,615	9161656,437	740,353
75	24M	475834,958	9161683,988	745,159
76	24M	475886,618	9161698,395	747,082
77	24M	475940,922	9161711,998	749,485
78	24M	475993,154	9161727,081	756,214
79	24M	476040,039	9161710,889	756,214
80	24M	476067,439	9161665,980	757,656
81	24M	476116,549	9161657,804	758,617
82	24M	476168,438	9161656,551	760,540
83	24M	476219,901	9161656,707	761,021
84	24M	476271,140	9161661,050	761,982
85	24M	476269,125	9161658,834	761,021
86	24M	476216,638	9161654,537	758,137

FLS 134  
47



ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
11	1	1	Sítio Água Branca/ Sítio Lameirao/E.E.F. Augustinho Félix de Filgueiredo	UTM Z-24M E(X)476214,09 ; N(Y) 9161655,40	UTM Z-24M E(X)472459,90 ; N(Y) 9161209,36	17,61	Carroçável	Micro Ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevlandalencar@gmail.com	LEVANTAMENTO:   CLEVLAND ALENCAR DE OLIVEIRA TEC. CONS. CIVIL TOPO. ESTRADAS CREA: RNP 060784563-5	PRANCHA: <b>1 / 2</b>
	LOCAL: SÍTIO ÁGUA BRANCA (rota 11) - JARDIM - CE PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)	

CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO ÁGUA BRANCA

PERCURSO UNITÁRIO : 4,40 km	DATA: ABRIL / 2018	ESCALA: 1 : 25.000
-----------------------------	--------------------	--------------------





Escada do Sítio Água Branca

4,40 km

Plano Aluno

11	1	1	Sítio Água Branca/ Sítio Lameirão/E.E.F. Augustoinho Félix de Filgueiredo	UTM Z-24M E(X)476214,09 ; N(Y) 9161655,40	UTM Z-24M E(X)472459,90 ; N(Y)9161209,36	17,61	Carroçável	Micro Ônibus	29
----	---	---	---	--	---	-------	------------	--------------	----

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTD.A.  
(88)

99688-8559/99652-4881  
cleviland@lencar.com

CLEVLAND ALENÇAR DE OLIVEIRA  
TEC. CONS. CIVIL, TOPO. ESTRADAS  
CREA: RNP 090784563,5

LEVANTAMENTO: LOCAL: SÍTIO ÁGUA BRANCA (rota 11) - JARDIM - CE

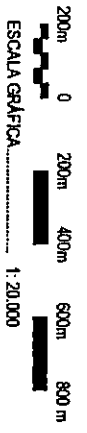
CONTEÚDO: PERÍMETRO: 4,40 km

PERFILS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO ÁGUA BRANCA

PERCURSO UNITÁRIO : 4,40 km

DATA: ABRIL / 2018

ESCALA: 1 : 20.000



ESCALA GRÁFICA: 1 : 20.000

PRANCHA: 2/2

PMJ/C  
FLS 136  
47

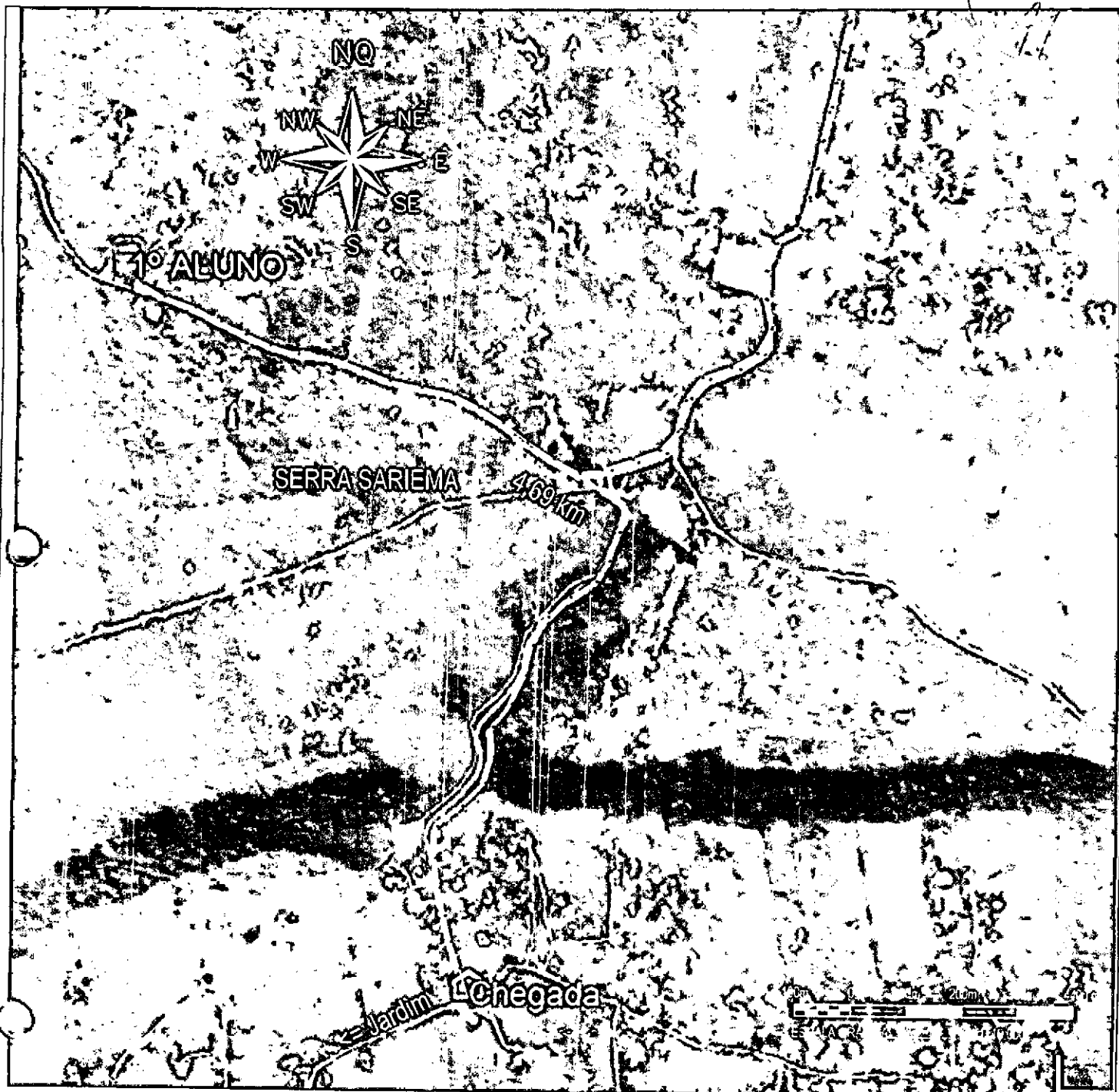
Sítio Água Banca.txt

53	24M	474788,850	9161684,292	745,159
54	24M	474838,910	9161679,639	742,756
55	24M	474889,208	9161662,161	740,353
56	24M	474929,857	9161637,998	737,469
57	24M	474959,829	9161591,349	736,507
58	24M	475009,159	9161567,913	737,469
59	24M	475062,153	9161558,044	738,911
60	24M	475116,972	9161557,090	736,988
61	24M	475171,721	9161568,210	736,988
62	24M	475223,523	9161574,112	739,872
63	24M	475276,051	9161570,664	739,872
64	24M	475331,160	9161582,563	740,833
65	24M	475361,762	9161604,354	737,469
66	24M	475408,426	9161623,124	734,585
67	24M	475456,872	9161612,279	736,507
68	24M	475499,819	9161577,034	730,259
69	24M	475544,829	9161593,884	735,546
70	24M	475592,696	9161610,375	734,585
71	24M	475645,162	9161601,784	730,259
72	24M	475695,053	9161601,689	734,585
73	24M	475742,914	9161629,994	737,469
74	24M	475793,615	9161656,437	740,353
75	24M	475834,958	9161683,988	745,159
76	24M	475886,618	9161698,395	747,082
77	24M	475940,922	9161711,998	749,485
78	24M	475993,154	9161727,081	756,214
79	24M	476040,039	9161710,889	756,214
80	24M	476067,439	9161665,980	757,656
81	24M	476116,549	9161657,804	758,617
82	24M	476168,438	9161656,551	760,540
83	24M	476219,901	9161656,707	761,021
84	24M	476271,140	9161661,050	761,982
85	24M	476269,125	9161658,834	761,021
86	24M	476216,638	9161654,537	758,137

PMJ/CL  
FLS 137  
47

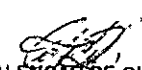
Sítio Água Banca.txt

1	24M	472461,213	9161209,533	729,778
2	24M	472485,146	9161217,044	735,546
3	24M	472526,581	9161242,827	737,469
4	24M	472571,130	9161270,503	740,833
5	24M	472617,325	9161299,459	742,275
6	24M	472664,146	9161331,732	743,717
7	24M	472712,265	9161359,707	745,640
8	24M	472741,253	9161403,923	747,562
9	24M	472730,406	9161456,243	749,004
10	24M	472743,857	9161507,299	749,485
11	24M	472789,088	9161540,562	747,082
12	24M	472819,446	9161583,964	746,120
13	24M	472847,259	9161631,006	749,004
14	24M	472898,180	9161641,357	748,043
15	24M	472955,170	9161645,541	748,524
16	24M	473003,374	9161652,536	749,004
17	24M	473054,088	9161653,251	748,043
18	24M	473104,439	9161675,277	747,562
19	24M	473158,078	9161702,828	749,004
20	24M	473200,196	9161731,577	752,850
21	24M	473221,487	9161785,231	761,982
22	24M	473260,034	9161817,026	764,386
23	24M	473305,828	9161837,243	766,308
24	24M	473353,461	9161858,860	769,192
25	24M	473398,562	9161877,482	771,595
26	24M	473445,860	9161901,341	772,076
27	24M	473493,310	9161919,455	771,595
28	24M	473539,100	9161947,084	766,789
29	24M	473580,281	9161981,207	762,943
30	24M	473634,160	9161976,965	766,789
31	24M	473678,820	9161957,716	763,424
32	24M	473724,572	9161937,068	760,059
33	24M	473776,791	9161923,410	758,137
34	24M	473817,610	9161895,319	762,463
35	24M	473864,765	9161877,155	761,502
36	24M	473910,473	9161852,068	757,656
37	24M	473963,515	9161839,338	755,734
38	24M	474019,243	9161834,586	754,772
39	24M	474070,778	9161821,290	753,811
40	24M	474121,808	9161802,229	757,176
41	24M	474173,712	9161791,388	753,330
42	24M	474225,870	9161789,127	750,447
43	24M	474278,164	9161790,452	750,927
44	24M	474328,806	9161788,728	749,004
45	24M	474380,453	9161773,077	746,601
46	24M	474422,160	9161741,965	748,524
47	24M	474472,901	9161726,453	746,601
48	24M	474518,564	9161714,792	745,159
49	24M	474569,311	9161704,636	744,678
50	24M	474620,614	9161694,257	744,678
51	24M	474676,387	9161691,636	746,120
52	24M	474732,305	9161693,464	746,120

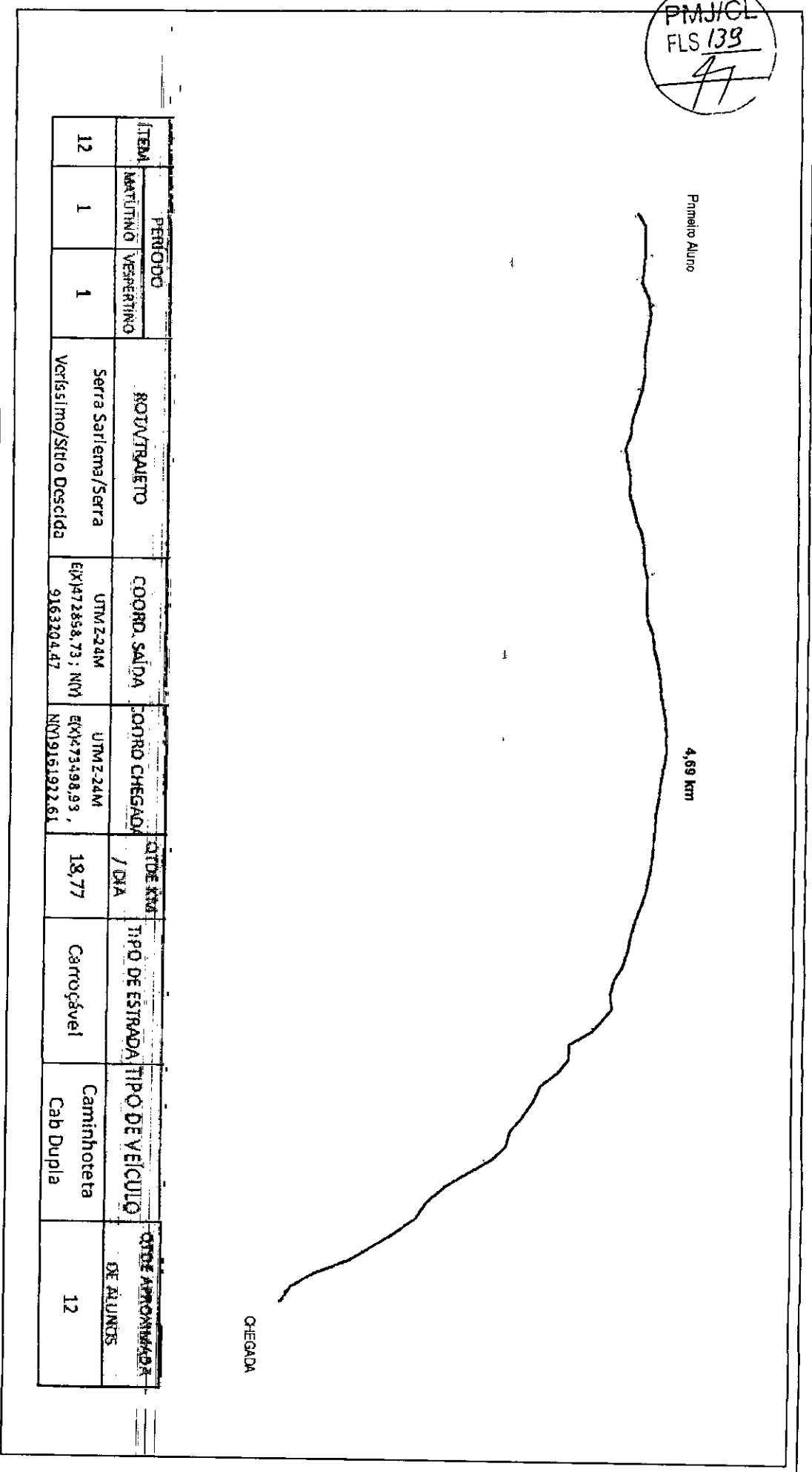


ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
12	1	1	Serra Sariema/Serra Veríssimo/Sítio Descida	UTM Z-24M E(X)472898,73 ; N(Y) 9163204,47	UTM Z-24M E(X)473498,93 ; N(Y)9161922,61	18,77	Carroçável	Caminhoteta Cab Dupla	12

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevandalencar@gmail.com	LEVANTAMENTO: <div style="text-align: center;">   <b>CLEVLAND ALENCAR DE OLIVEIRA</b>  <small>TEC. CONS. CIVIL TOPO. ESTRADAS          CREA: RNP 060784563-5</small> </div>	
	<b>LOCAL:</b> SERRA SARIEMA (rota 12) - JARDIM - CE	<b>PRANCHA:</b> <b>1 / 2</b>
<b>PROPRIETÁRIO:</b> PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)		
<b>CONTEÚDO:</b> PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SERRA SARIEMA		
<b>PERCURSO UNITÁRIO :</b> 4,69 km	<b>DATA:</b> ABRIL / 2018	<b>ESCALA:</b> 1 : 10.000

PMJ/CL  
FLS 139  
47



ITEM	PERÍODO	ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTD DE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTD DE AUTOMÓVEIS DE ALUNOS
12	1	Serra Sariema/Serra Veríssimo/Sítio Descida	UTM-2-24M E(X)472858,73; N(Y) 9163204,47	UTM-2-24M E(X)473498,93; N(Y)9161922,61	18,77	Carruável	Caminhoteira Cab Dupla	12

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**

TOPOGRAFIA E GEODESIA LTDA.  
(88)  
996888-8559/99652-4881  
clevilan dalencar@gmail.com

LEVANTAMENTO:  
LOCAL: SERRA SARIEMA (rota 12) - JARDIM - CE  
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

CLEVLAND ALENCAR DE OLIVEIRA  
TÉC. CONS. CIVIL, TOPOG. ESTRADAS  
CREA: RNP 080784583,5

PRANCHA: 212

CONTEÚDO: PERCURSO UNITÁRIO : 4,69 km DATA: ABRIL / 2018 ESCALA: 1 : 20.000





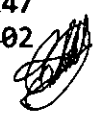
Sariema1.txt

1	24M	472900,544	9163199,530	905,219
2	24M	472939,031	9163176,775	907,622
3	24M	472994,343	9163157,885	907,622
4	24M	473040,542	9163133,550	907,622
5	24M	473085,528	9163111,587	907,141
6	24M	473129,200	9163091,726	906,660
7	24M	473179,832	9163076,446	909,064
8	24M	473236,940	9163071,410	910,025
9	24M	473294,334	9163050,639	909,064
10	24M	473342,351	9163030,947	908,103
11	24M	473400,240	9163018,118	907,622
12	24M	473456,907	9163007,206	907,622
13	24M	473502,716	9162984,473	906,660
14	24M	473546,920	9162956,449	905,219
15	24M	473591,440	9162922,911	903,296
16	24M	473637,447	9162893,127	902,815
17	24M	473684,626	9162868,699	900,893
18	24M	473742,393	9162873,651	901,854
19	24M	473789,375	9162887,298	902,815
20	24M	473840,581	9162904,450	902,335
21	24M	473864,800	9162948,293	903,777
22	24M	473883,199	9163002,371	905,219
23	24M	473917,031	9163036,656	907,141
24	24M	473970,649	9163054,893	908,103
25	24M	474014,536	9163081,039	908,103
26	24M	474026,383	9163126,922	909,064
27	24M	474015,315	9163179,956	909,064
28	24M	474014,789	9163229,363	909,064
29	24M	474032,303	9163277,103	909,545
30	24M	474076,134	9163304,981	911,467
31	24M	474092,434	9163358,613	911,948
32	24M	474104,640	9163407,832	913,390
33	24M	474117,900	9163458,785	914,351
34	24M	474131,839	9163518,439	914,832
35	24M	474142,344	9163567,361	915,793
36	24M	474153,821	9163614,931	916,754
37	24M	474165,053	9163669,728	917,235
38	24M	474162,299	9163667,151	916,754
39	24M	474150,695	9163616,607	917,235
40	24M	474139,573	9163561,068	916,274
41	24M	474127,276	9163509,032	915,313
42	24M	474115,006	9163457,764	914,832
43	24M	474106,655	9163409,650	913,870
44	24M	474093,241	9163352,933	913,390
45	24M	474079,233	9163302,026	912,909
46	24M	474034,494	9163277,836	912,429
47	24M	474017,248	9163228,669	911,948
48	24M	474017,424	9163177,798	910,987
49	24M	474026,798	9163129,684	910,025
50	24M	474001,488	9163082,959	908,103
51	24M	473954,041	9163057,377	906,180
52	24M	473903,002	9163039,817	904,738

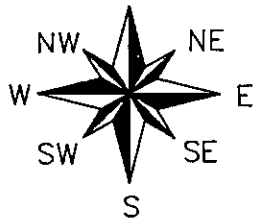
PMJ/CL  
FLS 141  
47

Sariema1.txt

53	24M	473873,437	9162997,927	903,777
54	24M	473859,570	9162942,767	901,854
55	24M	473827,689	9162909,438	898,970
56	24M	473779,756	9162892,501	897,528
57	24M	473723,873	9162874,577	898,009
58	24M	473727,605	9162846,225	895,606
59	24M	473770,415	9162813,038	890,799
60	24M	473757,099	9162764,531	882,147
61	24M	473739,513	9162713,085	882,147
62	24M	473716,520	9162676,656	878,783
63	24M	473670,655	9162648,508	872,053
64	24M	473631,471	9162612,580	869,650
65	24M	473603,428	9162561,730	865,805
66	24M	473592,066	9162508,054	860,998
67	24M	473567,074	9162457,678	859,556
68	24M	473534,042	9162416,879	854,269
69	24M	473536,243	9162364,387	845,136
70	24M	473521,790	9162317,029	836,965
71	24M	473480,668	9162276,160	830,236
72	24M	473435,548	9162239,812	826,390
73	24M	473434,035	9162183,704	818,700
74	24M	473442,284	9162130,873	810,048
75	24M	473452,196	9162081,434	801,396
76	24M	473463,539	9162035,072	788,899
77	24M	473479,468	9161987,230	780,247
78	24M	473496,668	9161933,273	776,402



NQ



FLS 142  
47



120m 0 120m 240m 360m 480m

ESCALA GRÁFICA..... 1 12.000

ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
13	1	1	Serra do Cruzeiro/Sítio Descida	UTM Z-24M E(X)471835,54 ; N(Y) 9162627,97	UTM Z-24M E(X)473498,93 ; N(Y)9161922,61	14,73	Carroçável	Caminhoteta Cab Dupla	12

### LEVANTAMENTO PLANIMÉTRICO

**TOPOGEO**  
TOPOGRAFIA E  
GEODÉSIA  
LTD.A.

(88)  
99688-8559/99652-4881  
clevelandalencar@gmail.com

LEVANTAMENTO:

*Cleveland Alencar de Oliveira*  
CLEVLAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784563-5

LOCAL: SERRA DO CRUZEIRO (rota 13) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHA:  
1 / 2

CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SERRA DO CRUZEIRO

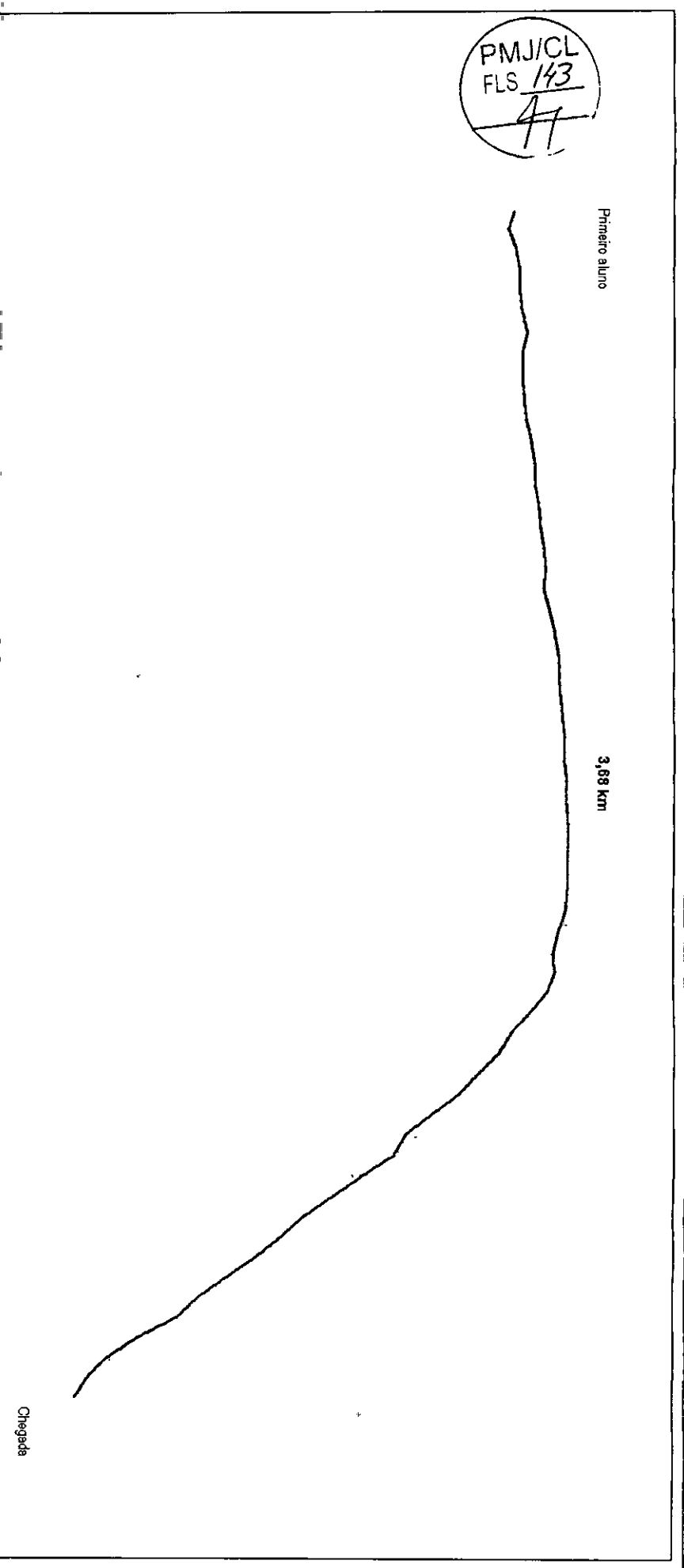
PERCURSO UNITÁRIO : 3,68 km

DATA: ABRIL / 2018

ESCALA: 1 : 12.000



PMJ/CL  
FLS 143  
41



ITEM	PERÍODO		ROTA/ITINERÁRIO	COORD. SAÍDA	COORD. CHEGADA	QTD. KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTD. APROXIMADA DE ALUNOS
	MAUTINO	VESPERTINO							
13	1	1	Serra do Cruzeiro/Sítio Descida	UTM Z-24M EKM71835,54; NYJ 9162627,97	UTM Z-24M EKM73498,53; NYJ 9161922,61	14,73	Carregável	Caminhoteira Cab Dupla	12

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**

TOPOGRAFIA E GEODESIA LTDA.  
(88)  
99688-8558/99652-4884  
clevlandalencar@gmail.com

**CLEVLAND ALEN CARVALHO DE OLIVEIRA**  
TÉC. CONS. CIV. TOPO. ESTRADAS  
CREA. RNP. 060784583,5

LEVANTAMENTO:  
LOCAL: SERRA DO CRUZEIRO (rota 13) - JARDIM - CE  
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHA: 212

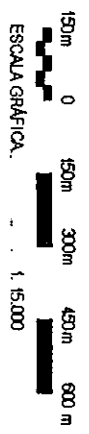
CONTEÚDO:

PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SERRA DO CRUZEIRO

PERCURSO UNITÁRIO : 3,68 km

DATA: ABRIL / 2018

ESCALA: 1 : 15.000





Señra do Cruzeiro1.txt

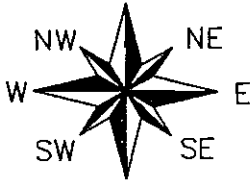
1	24M	471838,840	9162630,306	887,915
2	24M	471862,246	9162591,633	886,473
3	24M	471908,978	9162572,952	888,396
4	24M	471959,264	9162548,796	889,357
5	24M	472011,108	9162530,702	889,357
6	24M	472058,702	9162525,105	889,837
7	24M	472116,677	9162522,063	891,279
8	24M	472170,157	9162520,759	889,837
9	24M	472224,268	9162517,205	889,837
10	24M	472281,169	9162516,876	890,318
11	24M	472333,401	9162516,832	890,799
12	24M	472395,399	9162528,062	892,241
13	24M	472453,909	9162544,394	893,202
14	24M	472505,010	9162547,306	893,202
15	24M	472554,982	9162538,272	894,164
16	24M	472611,787	9162527,991	894,644
17	24M	472667,060	9162529,357	895,606
18	24M	472719,619	9162538,737	896,086
19	24M	472769,916	9162557,789	895,606
20	24M	472817,021	9162581,593	897,047
21	24M	472869,790	9162596,597	898,489
22	24M	472932,431	9162616,879	899,451
23	24M	472988,065	9162632,691	899,451
24	24M	473036,589	9162649,694	899,931
25	24M	473085,335	9162665,557	900,412
26	24M	473142,975	9162684,085	900,893
27	24M	473195,861	9162704,333	900,893
28	24M	473243,726	9162724,801	901,373
29	24M	473291,278	9162743,138	901,373
30	24M	473338,515	9162762,660	901,854
31	24M	473391,118	9162793,731	901,854
32	24M	473436,764	9162815,273	901,854
33	24M	473490,886	9162825,440	901,854
34	24M	473547,275	9162831,550	901,373
35	24M	473602,630	9162835,009	899,451
36	24M	473658,327	9162840,015	898,009
37	24M	473704,849	9162848,278	898,489
38	24M	473751,839	9162829,642	896,567
39	24M	473776,457	9162789,069	892,722
40	24M	473753,591	9162737,861	887,434
41	24M	473729,699	9162686,624	884,070
42	24M	473684,027	9162661,831	878,783
43	24M	473640,858	9162626,660	873,495
44	24M	473607,453	9162589,883	866,766
45	24M	473585,204	9162543,901	860,037
46	24M	473567,953	9162489,461	856,672
47	24M	473526,434	9162447,388	847,540
48	24M	473509,408	9162403,615	840,810
49	24M	473517,684	9162351,682	833,120
50	24M	473489,277	9162306,772	827,352
51	24M	473449,057	9162272,019	820,623
52	24M	473423,656	9162225,924	812,932



Serra do Cruzeiro1.txt

53	24M	473431,626	9162175,817	805,722
54	24M	473440,485	9162123,245	799,954
55	24M	473452,803	9162070,250	789,380
56	24M	473467,494	9162022,184	781,689
57	24M	473480,612	9161974,712	776,883
58	24M	473497,949	9161923,738	773,518

NQ



F.S. 146  
A

SÍTIO DESCIDA



200m 0 200m 400m 600m 800m

ESCALA GRÁFICA..... 1:20.000

ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
14	1	1	Sítio Descida/Sítio Água Branca/E.E.F Monsenhor Alcântara-Jardim Mirim	UTM Z-24M E(X)475036,77, N(Y) 9161563,40	UTM Z-24M E(X)477861,31 ; N(Y)9161091,89	34,80	Carroçável	Caminhoteta Cab Dupla	12

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTDA.  
(88)

LEVANTAMENTO:

*Cleiland Alencar de Oliveira*  
CLEILAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784563-5

LOCAL: SÍTIO DESCIDA (rota 14) - JARDIM - CE

PRANCHA:  
**1 / 2**

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

CONTEÚDO:

PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO DESCIDA

PERCURSO UNITÁRIO : 8,70 km

DATA:

ABRIL / 2018

ESCALA:

1 : 20.000

99688-8559/99652-4881  
cleilandalencar@gmail.com

PM/JCI  
FLS/197

47

Sítio Descida

7,62 km

Escola de Jardimim

Sítio Descida 1,08 km

Sítio Descida (entroncamento)

ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTD DE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTD APROXIMADA DE ALUNOS
	MAIUTINO	VESPERTINO							
14	1	1	Sítio Descida/Sítio Água Branca/E.E.F. Monsenhor Alcântara-Jardim Mirim	UMZ-24M EX1475836,77; NY1 916563,40	UMZ-24M EX1477861,31 ; NY19161091,89	34,80	Carroçável	Caminhoteta	12

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**

TOPOGRAFIA E  
GEODESIA

LTDA.

(88)

99688-8559/99662-4881

clevelandalencar@gmail.com

LEVANTAMENTO:

CLEVLAND ALEN CAR DE OLIVEIRA

TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA RNP 080784593-5

LOCAL: SÍTIO DESCIDA (rota 14) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRONAL:

212

CONTEÚDO:

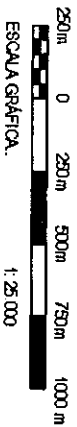
PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO DESCIDA

PERCURSO UNITÁRIO : 8,70 km

DATA:

ABRIL / 2018

ESCALA: 1 : 25.000





Sítio Descidal.txt

1	24M	477858,682	9161100,371	697,574
2	24M	477825,173	9161064,069	690,845
3	24M	477822,278	9161006,377	688,922
4	24M	477824,940	9160949,150	687,961
5	24M	477815,175	9160891,621	684,596
6	24M	477810,547	9160843,332	681,712
7	24M	477804,231	9160786,620	680,270
8	24M	477798,137	9160729,111	679,309
9	24M	477793,411	9160672,437	677,386
10	24M	477791,959	9160613,401	674,983
11	24M	477796,959	9160557,000	674,022
12	24M	477805,417	9160501,889	672,580
13	24M	477812,210	9160448,120	670,176
14	24M	477821,358	9160398,393	666,331
15	24M	477830,646	9160348,258	665,370
16	24M	477832,325	9160295,339	662,486
17	24M	477834,496	9160238,798	659,121
18	24M	477838,445	9160177,290	654,795
19	24M	477842,173	9160113,717	650,469
20	24M	477845,647	9160057,602	647,105
21	24M	477831,652	9160013,192	643,740
22	24M	477776,475	9159989,881	642,779
23	24M	477727,811	9159959,743	639,895
24	24M	477693,364	9159916,074	637,972
25	24M	477663,576	9159873,342	635,569
26	24M	477645,044	9159822,295	636,050
27	24M	477622,355	9159782,273	637,972
28	24M	477618,272	9159834,375	637,492
29	24M	477603,522	9159880,384	638,934
30	24M	477581,096	9159932,320	641,817
31	24M	477541,638	9159965,521	644,701
32	24M	477492,721	9159982,131	644,221
33	24M	477443,671	9160006,459	648,066
34	24M	477429,039	9160055,369	652,392
35	24M	477426,028	9160108,185	655,757
36	24M	477422,138	9160161,603	658,640
37	24M	477416,603	9160213,852	662,005
38	24M	477410,679	9160267,028	663,928
39	24M	477406,983	9160321,437	664,889
40	24M	477405,442	9160373,309	665,370
41	24M	477400,287	9160422,575	666,331
42	24M	477403,183	9160477,071	667,773
43	24M	477399,230	9160528,052	668,254
44	24M	477398,113	9160582,249	670,657
45	24M	477393,780	9160634,777	670,657
46	24M	477380,413	9160688,024	672,580
47	24M	477370,004	9160743,672	673,541
48	24M	477360,845	9160793,130	675,463
49	24M	477352,934	9160845,203	678,347
50	24M	477344,441	9160895,264	682,673
51	24M	477336,458	9160943,315	684,596
52	24M	477326,883	9160994,395	687,480

PMJ/CL  
FLS 149  
A

Sitio Descidal.txt

53	24M	477319,203	9161044,577	691,325
54	24M	477307,131	9161097,379	693,729
55	24M	477258,339	9161120,466	698,535
56	24M	477225,823	9161156,450	704,303
57	24M	477216,784	9161206,122	706,226
58	24M	477206,507	9161255,932	708,629
59	24M	477198,354	9161309,246	712,474
60	24M	477203,904	9161285,091	713,916
61	24M	477197,259	9161317,464	716,320
62	24M	477164,781	9161351,094	718,723
63	24M	477114,822	9161358,808	719,684
64	24M	477060,137	9161347,996	720,646
65	24M	477025,201	9161377,835	722,568
66	24M	477026,979	9161430,051	724,491
67	24M	477030,358	9161478,885	730,259
68	24M	477018,267	9161530,261	738,430
69	24M	476982,263	9161569,625	743,236
70	24M	476936,145	9161586,847	745,159
71	24M	476901,927	9161622,700	751,408
72	24M	476880,806	9161669,187	756,214
73	24M	476865,961	9161717,902	757,176
74	24M	476828,070	9161757,988	763,424
75	24M	476776,470	9161753,079	766,789
76	24M	476723,783	9161742,620	767,750
77	24M	476672,712	9161734,941	768,231
78	24M	476615,065	9161730,734	763,905
79	24M	476565,574	9161706,692	762,943
80	24M	476523,791	9161668,430	761,502
81	24M	476482,244	9161641,602	759,579
82	24M	476426,391	9161636,849	761,982
83	24M	476375,124	9161652,558	761,021
84	24M	476325,500	9161654,878	761,502
85	24M	476268,931	9161659,316	759,579
86	24M	476211,439	9161659,677	755,734
87	24M	476158,898	9161670,298	752,850
88	24M	476116,207	9161656,108	750,927
89	24M	476070,134	9161656,697	748,524
90	24M	476036,393	9161699,499	746,120
91	24M	475981,367	9161705,059	744,678
92	24M	475929,696	9161696,425	741,314
93	24M	475875,787	9161687,984	743,236
94	24M	475824,211	9161673,873	744,198
95	24M	475778,346	9161645,653	738,911
96	24M	475725,824	9161619,959	738,430
97	24M	475675,372	9161594,989	735,065
98	24M	475626,698	9161600,366	729,778
99	24M	475577,525	9161607,689	729,778
100	24M	475530,880	9161587,595	730,739
101	24M	475485,405	9161594,308	732,181
102	24M	475444,023	9161624,597	736,988
103	24M	475392,285	9161618,732	732,662
104	24M	475347,409	9161594,395	737,469

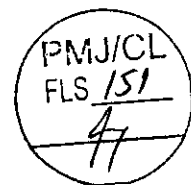
PMU/CL  
FLS 150  
41

Sitio Descida1.txt

105	24M	475300,617	9161572,549	738,911
106	24M	475249,406	9161568,399	739,872
107	24M	475196,887	9161570,725	741,314
108	24M	475144,655	9161556,632	739,872
109	24M	475095,903	9161553,827	737,469
110	24M	475042,772	9161559,368	737,949
111	24M	475038,980	9161562,359	738,911

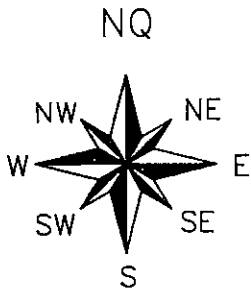
*[Handwritten signature]*



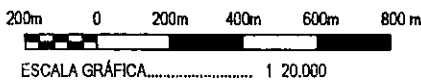


Sitio Descida2.txt

1	24M	475472,965	9161601,251	737,949
2	24M	475482,106	9161643,816	739,391
3	24M	475487,545	9161693,467	742,275
4	24M	475501,694	9161742,761	745,159
5	24M	475522,798	9161788,223	745,640
6	24M	475544,151	9161834,509	749,966
7	24M	475569,102	9161878,629	758,137
8	24M	475598,040	9161919,591	761,502
9	24M	475625,238	9161962,424	766,308
10	24M	475650,022	9162007,619	772,076
11	24M	475677,757	9162051,684	781,689
12	24M	475701,977	9162097,101	786,015
13	24M	475723,071	9162144,796	796,590
14	24M	475737,977	9162195,128	805,722
15	24M	475747,727	9162242,150	809,087
16	24M	475712,487	9162248,729	811,490



FLS 152  
47



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD CHEGADA	QTDE KM /DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
15	1	1	Sítio Bom Jesus/Sítio Descida/Sítio Água Branco/E.E.F Monsenhor Alcântara-Jardim Mirim	UTMZ-24M E(X)475036,77; N(Y) 9161563,40	UTMZ-24M E(X)477855,63 ; N(Y)9161093,60	21,77	Carroçável	Caminhoteta Cab Dupla	12

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODÉSIA  
LTDA.  
(88)

99688-8559/99652-4881  
clevlandalencar@gmail.com

LEVANTAMENTO:

*Clevland Alencar de Oliveira*  
CLEVLAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784563-5

LOCAL: SÍTIO BOM JESUS (rota 15) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHA:  
1 / 2

CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO BOM JESUS

PERCURSO UNITÁRIO (média) : 5,44 km

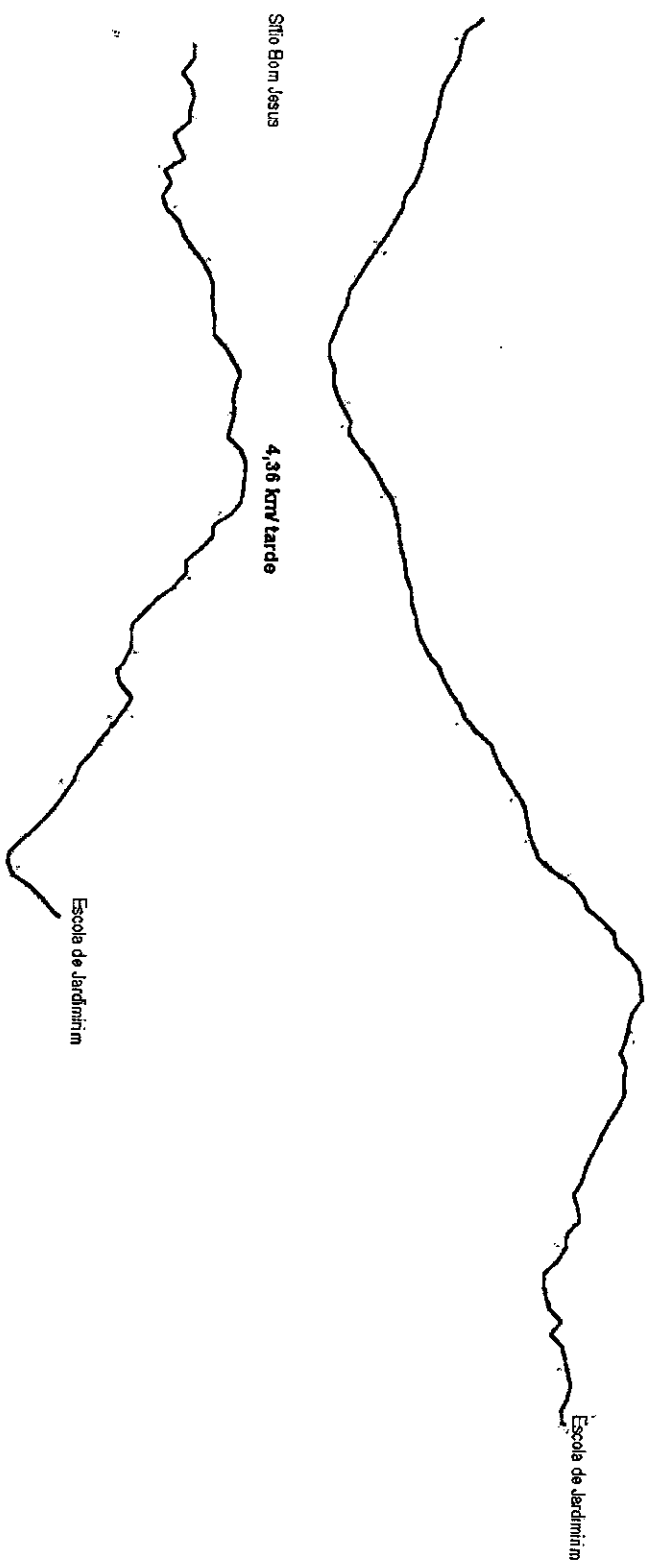
DATA: ABRIL / 2018

ESCALA: 1 : 20.000

F.M.J./G.L.  
FLS 153  
47

Sítio Bom Jesus

6,53 Km/ manhã



ITEM	PERÍODO	ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	TEMPO / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QUANT. ALUNOS
15	1	Sítio Bom Jesus/ Sítio Descida/ Sítio Água Branco/ E.E.F. Monsenhor Alcântara- Jardim Mirim	UTM 224M 9161563,40	UTM 224M 9161563,60	21,77	Carroçável	Carminhoteta Cab Dupla	12

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**

TOPOGRAFIA E GEODESIA LTDA.

(88)

91688-8558/99662-4881  
civilland@engcar@gmail.com

CLEVLAND ALENGAR DE OLIVEIRA

TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784563-5

LOCAL: SÍTIO BOM JESUS (rota 15) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRONCHIA: 2/2

CONTEÚDO:

PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO BOM JESUS

PERCURSO UNITÁRIO (média) : 5,44 km

DATA:

ABRIL / 2018

ESCALA: 1 : 30.000



PMJ/CL  
FLS 154  
47

Sítio Bom Jesus.txt

1	24M	475038,6850	9161561,3950	741,3140
2	24M	475091,8440	9161553,7230	741,3140
3	24M	475149,8780	9161558,3030	736,5070
4	24M	475198,8750	9161570,6800	740,3530
5	24M	475249,5090	9161564,5630	741,3140
6	24M	475297,7620	9161568,4050	739,8720
7	24M	475346,7270	9161589,7430	739,3910
8	24M	475389,5420	9161614,1910	733,1430
9	24M	475436,6250	9161625,6770	735,0650
10	24M	475479,3290	9161595,5280	737,4690
11	24M	475525,1510	9161580,7070	729,2970
12	24M	475571,2760	9161603,5530	732,1810
13	24M	475621,8160	9161600,5950	728,8170
14	24M	475673,9860	9161592,5880	730,2590
15	24M	475722,4790	9161615,2690	735,5460
16	24M	475770,9250	9161639,1540	737,4690
17	24M	475815,5880	9161665,8440	740,8330
18	24M	475864,9370	9161678,7680	745,1590
19	24M	475913,8140	9161691,1070	748,0430
20	24M	475965,9630	9161687,3710	749,9660
21	24M	476011,9710	9161706,7610	749,4850
22	24M	476056,6690	9161682,1350	749,9660
23	24M	476093,6870	9161650,4720	750,9270
24	24M	476141,4140	9161671,1970	750,4470
25	24M	476192,0210	9161662,0300	755,2530
26	24M	476246,1780	9161656,6180	758,6170
27	24M	476298,9240	9161659,5810	761,5020
28	24M	476347,3290	9161655,1300	760,0590
29	24M	476401,4400	9161647,7530	758,6170
30	24M	476451,9200	9161636,3340	759,5790
31	24M	476503,9130	9161649,5170	758,1370
32	24M	476542,3880	9161681,0320	756,6950
33	24M	476580,1510	9161715,0390	761,9820
34	24M	476630,2010	9161730,0470	764,3860
35	24M	476684,8500	9161738,2550	763,9050
36	24M	476740,4880	9161746,4000	763,4240
37	24M	476789,6260	9161755,7170	762,4630
38	24M	476839,4060	9161757,2980	758,6170
39	24M	476867,5590	9161720,4690	751,4080
40	24M	476878,2980	9161672,8000	750,9270
41	24M	476902,2310	9161625,9620	745,6400
42	24M	476933,4450	9161588,0130	739,8720
43	24M	476980,9220	9161571,4310	739,8720
44	24M	477017,8330	9161530,2510	735,0650
45	24M	477027,5180	9161482,3770	728,3360
46	24M	477023,3830	9161428,4180	723,0490
47	24M	477021,0870	9161376,1740	718,2420
48	24M	477058,0470	9161348,6160	717,7620
49	24M	477107,5270	9161356,8120	717,7620
50	24M	477164,1350	9161349,1480	714,8770
51	24M	477197,3040	9161359,9960	711,9940
52	24M	477185,7670	9161413,7350	713,4360

PMJ/CL  
FLS 155  
47

Sítio Bom Jesus.txt

53	24M	477175,2940	9161466,8160	718,2420
54	24M	477199,9120	9161474,6670	716,8000
55	24M	477243,7860	9161450,5680	713,4360
56	24M	477282,9310	9161416,5140	709,5900
57	24M	477316,2990	9161378,4550	705,2640
58	24M	477350,1200	9161341,3050	701,9000
59	24M	477395,0110	9161316,9370	697,0930
60	24M	477442,5470	9161291,2270	695,1700
61	24M	477485,9690	9161263,3010	691,8060
62	24M	477527,7960	9161227,9050	687,9610
63	24M	477573,7340	9161217,5950	684,1160
64	24M	477613,8830	9161191,9000	679,3090
65	24M	477646,1600	9161153,3400	674,0220
66	24M	477687,5660	9161125,9870	668,7340
67	24M	477732,1590	9161124,8220	667,7730
68	24M	477744,6910	9161177,5520	670,1760
69	24M	477789,9230	9161193,9650	677,3860
70	24M	477840,2590	9161170,6930	683,1540
71	24M	477852,1630	9161120,7820	687,4800
72	24M	477853,8260	9161103,1950	689,8830

PMJ/C  
FLS 156  
47

Sitio Bom Jesus2.txt

1	24M	477858,682	9161100,371	697,574
2	24M	477825,173	9161064,069	690,845
3	24M	477822,278	9161006,377	688,922
4	24M	477824,940	9160949,150	687,961
5	24M	477815,175	9160891,621	684,596
6	24M	477810,547	9160843,332	681,712
7	24M	477804,231	9160786,620	680,270
8	24M	477798,137	9160729,111	679,309
9	24M	477793,411	9160672,437	677,386
10	24M	477791,959	9160613,401	674,983
11	24M	477796,959	9160557,000	674,022
12	24M	477805,417	9160501,889	672,580
13	24M	477812,210	9160448,120	670,176
14	24M	477821,358	9160398,393	666,331
15	24M	477830,646	9160348,258	665,370
16	24M	477832,325	9160295,339	662,486
17	24M	477834,496	9160238,798	659,121
18	24M	477838,445	9160177,290	654,795
19	24M	477842,173	9160113,717	650,469
20	24M	477845,647	9160057,602	647,105
21	24M	477831,652	9160013,192	643,740
22	24M	477776,475	9159989,881	642,779
23	24M	477727,811	9159959,743	639,895
24	24M	477693,364	9159916,074	637,972
25	24M	477663,576	9159873,342	635,569
26	24M	477645,044	9159822,295	636,050
27	24M	477622,355	9159782,273	637,972
28	24M	477618,272	9159834,375	637,492
29	24M	477603,522	9159880,384	638,934
30	24M	477581,096	9159932,320	641,817
31	24M	477541,638	9159965,521	644,701
32	24M	477492,721	9159982,131	644,221
33	24M	477443,671	9160006,459	648,066
34	24M	477429,039	9160055,369	652,392
35	24M	477426,028	9160108,185	655,757
36	24M	477422,138	9160161,603	658,640
37	24M	477416,603	9160213,852	662,005
38	24M	477410,679	9160267,028	663,928
39	24M	477406,983	9160321,437	664,889
40	24M	477405,442	9160373,309	665,370
41	24M	477400,287	9160422,575	666,331
42	24M	477403,183	9160477,071	667,773
43	24M	477399,230	9160528,052	668,254
44	24M	477398,113	9160582,249	670,657
45	24M	477393,780	9160634,777	670,657
46	24M	477380,413	9160688,024	672,580
47	24M	477370,004	9160743,672	673,541
48	24M	477360,845	9160793,130	675,463
49	24M	477352,934	9160845,203	678,347
50	24M	477344,441	9160895,264	682,673
51	24M	477336,458	9160943,315	684,596
52	24M	477326,883	9160994,395	687,480



Sítio Bom Jesus2.txt

53	24M	477319,203	9161044,577	691,325
54	24M	477307,131	9161097,379	693,729
55	24M	477258,339	9161120,466	698,535
56	24M	477225,823	9161156,450	704,303
57	24M	477216,784	9161206,122	706,226
58	24M	477206,507	9161255,932	708,629
59	24M	477198,354	9161309,246	712,474
60	24M	477203,904	9161285,091	713,916
61	24M	477197,259	9161317,464	716,320
62	24M	477164,781	9161351,094	718,723
63	24M	477114,822	9161358,808	719,684
64	24M	477060,137	9161347,996	720,646
65	24M	477025,201	9161377,835	722,568
66	24M	477026,979	9161430,051	724,491
67	24M	477030,358	9161478,885	730,259
68	24M	477018,267	9161530,261	738,430
69	24M	476982,263	9161569,625	743,236
70	24M	476936,145	9161586,847	745,159
71	24M	476901,927	9161622,700	751,408
72	24M	476880,806	9161669,187	756,214
73	24M	476865,961	9161717,902	757,176
74	24M	476828,070	9161757,988	763,424
75	24M	476776,470	9161753,079	766,789
76	24M	476723,783	9161742,620	767,750
77	24M	476672,712	9161734,941	768,231
78	24M	476615,065	9161730,734	763,905
79	24M	476565,574	9161706,692	762,943
80	24M	476523,791	9161668,430	761,502
81	24M	476482,244	9161641,602	759,579
82	24M	476426,391	9161636,849	761,982
83	24M	476375,124	9161652,558	761,021
84	24M	476325,500	9161654,878	761,502
85	24M	476268,931	9161659,316	759,579
86	24M	476211,439	9161659,677	755,734
87	24M	476158,898	9161670,298	752,850
88	24M	476116,207	9161656,108	750,927
89	24M	476070,134	9161656,697	748,524
90	24M	476036,393	9161699,499	746,120
91	24M	475981,367	9161705,059	744,678
92	24M	475929,696	9161696,425	741,314
93	24M	475875,787	9161687,984	743,236
94	24M	475824,211	9161673,873	744,198
95	24M	475778,346	9161645,653	738,911
96	24M	475725,824	9161619,959	738,430
97	24M	475675,372	9161594,989	735,065
98	24M	475626,698	9161600,366	729,778
99	24M	475577,525	9161607,689	729,778
100	24M	475530,880	9161587,595	730,739
101	24M	475485,405	9161594,308	732,181
102	24M	475444,023	9161624,597	736,988
103	24M	475392,285	9161618,732	732,662
104	24M	475347,409	9161594,395	737,469



Sítio Bom Jesus2.txt

105	24M	475300,617	9161572,549	738,911
106	24M	475249,406	9161568,399	739,872
107	24M	475196,887	9161570,725	741,314
108	24M	475144,655	9161556,632	739,872
109	24M	475095,903	9161553,827	737,469
110	24M	475042,772	9161559,368	737,949
111	24M	475038,980	9161562,359	738,911


A handwritten signature or mark located to the right of the last row of the table.





ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
16	1	1	Sítio Riacho da Areia/Sítio Alto do Brejão/Sítio Amargosos/E.E.F Monsenhor Alcântara Jardim Mirim	UTM Z-24M E(X) 76187,16, N(Y) 9160164,17	UTM Z-24M E(X) 77855,63 ; N(Y) 9161093,60	40,10	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

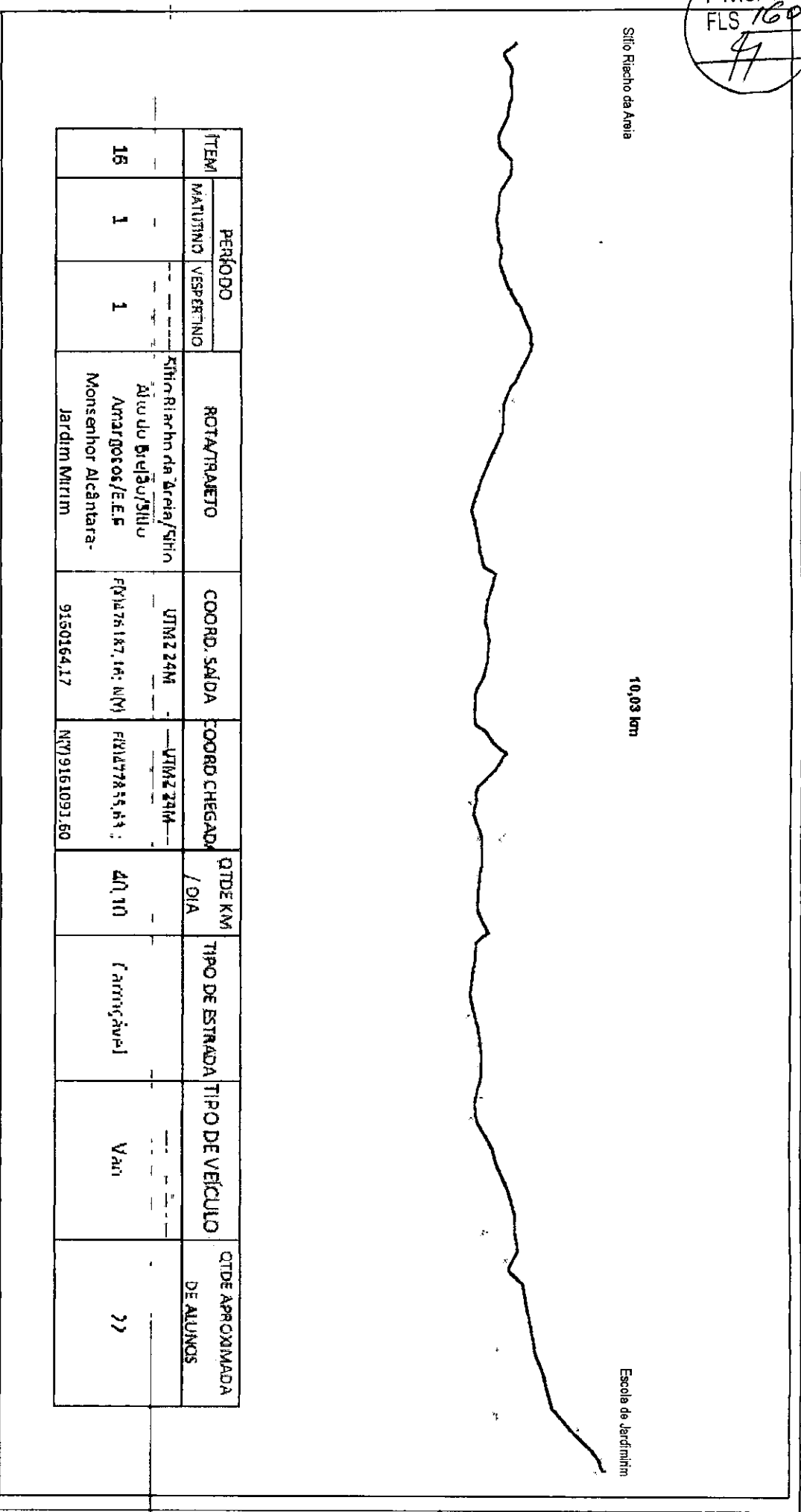
<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevilandalencar@gmail.com	LEVANTAMENTO:   CLEVILAND ALENCAR DE OLIVEIRA TEC. CONS. CIVIL TOPO. ESTRADAS CREA: RNP 060784563-5
	LOCAL: SÍTIO RIACHO DA AREIA (rota 16) - JARDIM - CE PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)
CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO RIACHO DA AREIA	
PERCURSO UNITÁRIO : 10,03 km	DATA: ABRIL / 2018
ESCALA: 1 : 20.000	

PMJ/CE  
FLS 160  
4

Sítio Riacho da Areia

10,03 km

Escola de Jardimim



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
15	1	1	Sítio Riacho da Areia/Sítio Alu do Brasil/Sítio Amargosos/E.E.S Monsenhor Alcântara-Jardim Mirim	UTM 2 24M F11276187,14; N11	UTM 2 24M F11277855,84; N11 9161091,60	40,10	Arroçável	Van	??

**LEVANTAMENTO PLANIMETRICO**

**TOPOGEO**

TOPOGRAFIA E GEODESIA LTDA.

(88)

98688-8558/98652-4884  
cleviland@encar.com.br,com

LEVANTAMENTO:

CLEVLAND ALNCANTARA DE OLIVEIRA  
TEC. CONS. CIVIL, TOPO. E ESTRADAS  
CREA: RNP 060794553-5

LOCAL: SÍTIO RIACHO DA AREIA (Rota 16) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHA: 2/2

CONTEÚDO:

PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO RIACHO DA AREIA

PERCUC UNITÁRIO: 10,03 km

DATA:

ABRIL / 2018

ESCALA: 1 : 35.000





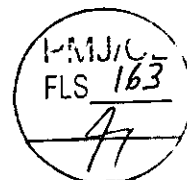
Sítio Riacho da Areia.txt

1	24M	476184,177	9160164,402	632,204
2	24M	476182,284	9160160,751	631,243
3	24M	476182,508	9160156,683	631,243
4	24M	476180,321	9160147,230	630,282
5	24M	476168,831	9160105,017	624,033
6	24M	476160,942	9160091,141	624,033
7	24M	476154,289	9160084,216	624,514
8	24M	476139,400	9160072,552	625,475
9	24M	476121,792	9160045,263	627,878
10	24M	476089,203	9160021,572	629,320
11	24M	476080,552	9159997,577	628,359
12	24M	476108,726	9159973,342	627,878
13	24M	476127,714	9159942,170	628,359
14	24M	476153,556	9159903,590	628,359
15	24M	476147,692	9159871,164	628,359
16	24M	476141,077	9159843,798	626,917
17	24M	476152,873	9159771,675	626,436
18	24M	476169,084	9159691,225	622,591
19	24M	476173,136	9159666,903	621,149
20	24M	476170,196	9159631,014	620,188
21	24M	476159,326	9159569,490	621,149
22	24M	476138,904	9159492,653	628,359
23	24M	476114,456	9159442,474	628,359
24	24M	476097,759	9159404,900	627,878
25	24M	476055,464	9159360,883	624,033
26	24M	476033,337	9159347,853	622,110
27	24M	476024,015	9159316,584	620,669
28	24M	476034,726	9159214,077	620,188
29	24M	476042,672	9159150,320	618,746
30	24M	476042,674	9159054,304	620,188
31	24M	476021,453	9159040,709	619,707
32	24M	475964,106	9159036,779	621,630
33	24M	475954,200	9159026,368	622,110
34	24M	475950,521	9158952,227	620,669
35	24M	475950,684	9158921,639	621,149
36	24M	475961,206	9158828,538	624,514
37	24M	475945,427	9158785,284	626,436
38	24M	475936,261	9158774,012	627,878
39	24M	475921,217	9158760,828	628,359
40	24M	475903,696	9158706,825	631,723
41	24M	475903,548	9158687,820	633,646
42	24M	475869,003	9158623,495	636,530
43	24M	475816,598	9158555,296	640,376
44	24M	475780,675	9158527,248	641,337
45	24M	475752,575	9158517,124	640,856
46	24M	475751,799	9158515,966	640,376
47	24M	475764,420	9158512,849	641,817
48	24M	475797,103	9158530,092	640,856
49	24M	475820,084	9158554,918	639,414
50	24M	475882,691	9158632,768	634,127
51	24M	475906,215	9158698,292	630,762
52	24M	475907,175	9158720,179	628,359



Sítio Riacho da Areia.txt

53	24M	475946,256	9158773,980	625,475
54	24M	475999,267	9158777,991	623,553
55	24M	476166,436	9158754,761	623,072
56	24M	476357,695	9158737,806	613,939
57	24M	476487,723	9158717,735	608,652
58	24M	476669,070	9158700,839	602,884
59	24M	476681,094	9158691,068	602,884
60	24M	476697,233	9158622,998	604,807
61	24M	476719,940	9158527,836	606,729
62	24M	476709,491	9158435,771	608,171
63	24M	476712,958	9158360,123	610,094
64	24M	476710,396	9158342,544	610,575
65	24M	476705,807	9158330,561	612,497
66	24M	476702,237	9158296,811	618,265
67	24M	476706,670	9158286,519	617,784
68	24M	476732,367	9158201,393	615,381
69	24M	476761,072	9158130,141	612,978
70	24M	476816,983	9158063,247	612,017
71	24M	476849,630	9158039,440	611,536
72	24M	476887,987	9158023,474	612,978
73	24M	476947,743	9157977,505	613,939
74	24M	477012,846	9157867,399	612,978
75	24M	477088,064	9157792,629	610,575
76	24M	477149,382	9157747,180	606,249
77	24M	477184,731	9157735,975	605,287
78	24M	477213,163	9157731,383	605,287
79	24M	477240,007	9157719,878	605,287
80	24M	477329,001	9157700,703	604,807
81	24M	477377,370	9157704,608	605,768
82	24M	477417,470	9157696,593	612,017
83	24M	477481,584	9157662,505	616,823
84	24M	477525,355	9157632,031	622,591
85	24M	477530,313	9157626,603	624,514
86	24M	477524,948	9157632,642	625,475
87	24M	477503,740	9157652,064	622,591
88	24M	477491,940	9157658,924	622,110
89	24M	477433,966	9157691,570	617,784
90	24M	477408,073	9157705,373	614,420
91	24M	477382,656	9157710,087	612,497
92	24M	477334,650	9157701,595	607,210
93	24M	477286,273	9157713,905	605,768
94	24M	477250,140	9157719,373	606,249
95	24M	477218,756	9157732,359	605,287
96	24M	477162,845	9157743,285	604,326
97	24M	477054,009	9157821,541	609,133
98	24M	477045,287	9157828,941	609,613
99	24M	476972,327	9157937,812	609,613
100	24M	476954,903	9157969,688	609,613
101	24M	476896,227	9158018,150	608,171
102	24M	476865,083	9158030,830	608,171
103	24M	476826,583	9158056,469	607,691
104	24M	476746,299	9158166,105	606,729



Sítio Riacho da Areia.txt

105	24M	476717,698	9158252,786	610,575
106	24M	476697,552	9158310,254	613,939
107	24M	476701,325	9158328,001	610,575
108	24M	476709,909	9158375,031	605,768
109	24M	476706,592	9158484,825	605,287
110	24M	476708,674	9158537,736	604,326
111	24M	476669,325	9158690,702	602,403
112	24M	476686,885	9158702,173	602,403
113	24M	476712,181	9158720,644	602,884
114	24M	476824,173	9158811,313	606,249
115	24M	476844,904	9158823,230	607,210
116	24M	477033,636	9158850,656	609,613
117	24M	477176,942	9158867,191	609,133
118	24M	477230,133	9158883,015	607,210
119	24M	477314,869	9158936,929	605,287
120	24M	477363,270	9158954,642	605,768
121	24M	477405,784	9159005,728	606,729
122	24M	477421,353	9159123,750	613,939
123	24M	477450,323	9159173,995	616,823
124	24M	477465,486	9159193,341	617,304
125	24M	477485,992	9159252,460	619,226
126	24M	477526,802	9159427,379	626,917
127	24M	477564,612	9159575,258	631,243
128	24M	477580,863	9159679,881	631,243
129	24M	477632,706	9159791,248	633,165
130	24M	477669,839	9159885,113	627,878
131	24M	477685,075	9159906,822	627,398
132	24M	477738,154	9159966,799	635,569
133	24M	477744,743	9159973,140	636,530
134	24M	477819,747	9160005,375	637,972
135	24M	477842,267	9160050,401	638,934
136	24M	477835,451	9160193,579	641,817
137	24M	477827,815	9160371,255	645,182
138	24M	477803,984	9160501,990	650,469
139	24M	477802,575	9160508,809	650,469
140	24M	477801,792	9160542,371	651,430
141	24M	477797,966	9160559,790	651,430
142	24M	477801,514	9160723,627	656,237
143	24M	477802,035	9160735,748	657,679
144	24M	477814,507	9160857,595	668,254
145	24M	477830,619	9160984,484	681,712
146	24M	477830,994	9160993,426	682,193
147	24M	477826,909	9161050,282	686,519
148	24M	477831,154	9161065,879	686,999
149	24M	477846,223	9161090,386	687,480
150	24M	477857,987	9161104,124	688,922
151	24M	477857,996	9161103,827	689,883

13 164  
47



100m 0 100m 200m 300m 400 m  
ESCALA GRÁFICA..... 1 10.000

ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
17	1	1	Sítio Canabrava/Sítio Bom Jesus/E.E.F Monsenhor Alcântara-Jardim Mirim	UTM Z-24M E(X)476889,98; N(Y)9161509,95	UTMZ-24M E(X)477855,63 ; N(Y)9161093,60	22,43	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

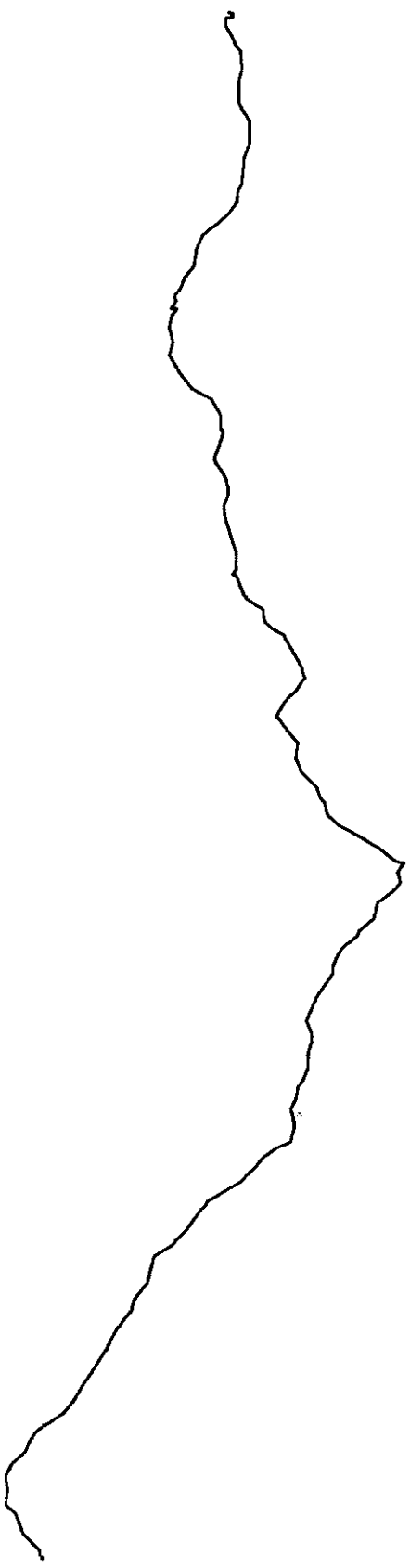
<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevelandalencar@gmail.com	LEVANTAMENTO:	 CLEVLAND ALENCAR DE OLIVEIRA TEC. CONS. CIVIL TOPO, ESTRADAS CREA: RNP 060784563-5	
	LOCAL: SÍTIO CANA BRAVA (rota 17) - JARDIM - CE PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)	PRANCHA:	1 / 2
CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CANA BRAVA			
PERCURSO UNITÁRIO : 5,61 km		DATA:	ABRIL / 2018
		ESCALA:	1 : 10.000

P.M.J./CJ  
FLS 165  
47

SÍTIO CANA BRAVA

5,61 km

Escola de Jardimim



PERFIL	PERÍMETRO	PROFUNDIDADE	COORDENADA UTM	COORDENADA UTM	QUILÔMETROS	TIPO DE VEÍCULO	TIPO DE VEÍCULO	QUANTIDADE	
17	1	1	Sítio Canabrava/Sítio Bom Jesus/E.E.F. Monsenhor Alcântara-Jardim Mirim	UTM 2-24M EXJ476889,98; NYJ 9161509,95	UTM 2-24M EXJ477855,63; NYJ 9161093,60	22,43	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

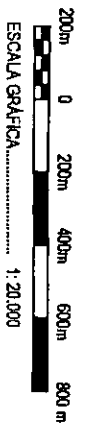
**TOPOGEO TOPOGRAFIA E GEODESIA**

LTDA.  
(88)  
99688-8559/99652-4881  
clevalandalencar@gmail.com

LEVANTAMENTO:  
LOCAL: SÍTIO CANA BRAVA (rota 17) - JARDIM - CE  
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

CLEVALD ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL, TOPO, ESTADIAS  
CREA: N° 08078553-5

PRANCHETA:  
**212**



CONTEÚDO: PERIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CANA BRAVA  
PERCURSO UNITÁRIO : 5,61 km DATA: ABRIL / 2018 ESCALA: 1 : 20.000

PMJ/CL  
FLS 166  
97

SE io Cana Brava.txt

1	24M	476887,558	9161509,173	739,872
2	24M	476885,700	9161509,125	740,833
3	24M	476883,495	9161498,700	740,833
4	24M	476882,440	9161500,682	738,911
5	24M	476899,527	9161519,399	738,911
6	24M	476898,813	9161562,385	741,314
7	24M	476899,942	9161579,268	741,794
8	24M	476889,695	9161584,369	743,236
9	24M	476833,187	9161578,244	743,717
10	24M	476797,260	9161571,083	742,756
11	24M	476772,178	9161566,623	742,756
12	24M	476740,874	9161561,122	742,756
13	24M	476711,001	9161559,718	744,198
14	24M	476684,482	9161564,356	746,120
15	24M	476664,853	9161563,494	746,120
16	24M	476635,124	9161531,595	746,120
17	24M	476599,303	9161517,993	744,678
18	24M	476586,821	9161518,330	744,198
19	24M	476568,239	9161512,010	744,198
20	24M	476520,481	9161499,533	743,717
21	24M	476506,000	9161483,357	742,756
22	24M	476504,481	9161451,054	742,275
23	24M	476492,958	9161419,348	739,872
24	24M	476487,203	9161389,638	736,507
25	24M	476463,507	9161368,212	732,181
26	24M	476425,742	9161340,738	730,259
27	24M	476396,550	9161309,376	729,778
28	24M	476388,289	9161279,238	727,375
29	24M	476387,885	9161275,374	726,894
30	24M	476381,019	9161247,572	725,933
31	24M	476370,833	9161222,437	724,010
32	24M	476371,298	9161217,526	724,010
33	24M	476366,235	9161210,194	724,491
34	24M	476344,075	9161205,198	723,049
35	24M	476343,086	9161205,234	724,491
36	24M	476344,427	9161205,041	724,491
37	24M	476365,291	9161211,222	723,049
38	24M	476368,453	9161211,835	723,049
39	24M	476378,980	9161238,889	722,568
40	24M	476390,221	9161281,306	723,530
41	24M	476403,638	9161315,588	722,568
42	24M	476440,948	9161347,816	725,452
43	24M	476480,386	9161377,403	729,297
44	24M	476492,567	9161405,699	735,065
45	24M	476507,107	9161452,547	737,949
46	24M	476512,163	9161491,671	737,949
47	24M	476514,141	9161493,526	738,430
48	24M	476528,591	9161496,313	738,430
49	24M	476572,715	9161510,845	736,988
50	24M	476581,894	9161514,398	736,507
51	24M	476596,900	9161515,666	736,027
52	24M	476606,478	9161516,736	736,507



PMJ/L  
 FLS 167  
 47

Saio Cana Brava.txt

53	24M	476630,142	9161527,914	738,430
54	24M	476648,448	9161548,892	739,872
55	24M	476654,381	9161556,484	739,872
56	24M	476661,016	9161563,882	740,353
57	24M	476680,644	9161564,827	740,353
58	24M	476716,558	9161558,831	738,911
59	24M	476744,988	9161562,662	739,391
60	24M	476789,975	9161569,421	740,833
61	24M	476846,898	9161578,362	742,756
62	24M	476896,389	9161584,085	742,756
63	24M	476911,551	9161587,169	741,794
64	24M	476912,289	9161589,986	742,756
65	24M	476910,122	9161598,046	743,236
66	24M	476893,486	9161642,349	745,159
67	24M	476887,018	9161652,613	746,120
68	24M	476876,926	9161681,000	750,927
69	24M	476865,084	9161715,650	751,408
70	24M	476860,886	9161735,468	753,811
71	24M	476874,277	9161747,854	757,176
72	24M	476876,772	9161750,654	757,176
73	24M	476891,720	9161795,398	760,059
74	24M	476894,057	9161837,218	762,463
75	24M	476893,570	9161869,566	763,424
76	24M	476889,791	9161903,756	761,021
77	24M	476923,246	9161915,958	757,656
78	24M	476965,495	9161927,579	755,253
79	24M	477012,486	9161941,010	759,098
80	24M	477042,134	9161948,780	761,502
81	24M	477084,010	9161967,268	761,021
82	24M	477103,011	9162004,481	762,943
83	24M	477113,551	9162044,460	767,270
84	24M	477141,314	9162068,621	768,711
85	24M	477147,331	9162073,850	769,673
86	24M	477153,554	9162110,881	770,634
87	24M	477149,167	9162140,503	773,999
88	24M	477139,391	9162164,914	779,286
89	24M	477134,391	9162201,273	785,534
90	24M	477119,317	9162225,450	789,380
91	24M	477108,823	9162225,769	790,822
92	24M	477114,471	9162227,079	793,225
93	24M	477128,933	9162205,922	791,302
94	24M	477128,957	9162175,000	792,264
95	24M	477134,691	9162152,060	790,341
96	24M	477148,317	9162120,005	785,534
97	24M	477146,822	9162074,711	784,573
98	24M	477117,395	9162048,882	780,247
99	24M	477112,186	9162037,565	779,766
100	24M	477101,810	9162002,200	775,440
101	24M	477087,436	9161974,488	773,518
102	24M	477065,789	9161959,707	772,557
103	24M	477047,273	9161952,461	772,557
104	24M	477019,964	9161944,674	770,634



Sitio Cana Brava.txt

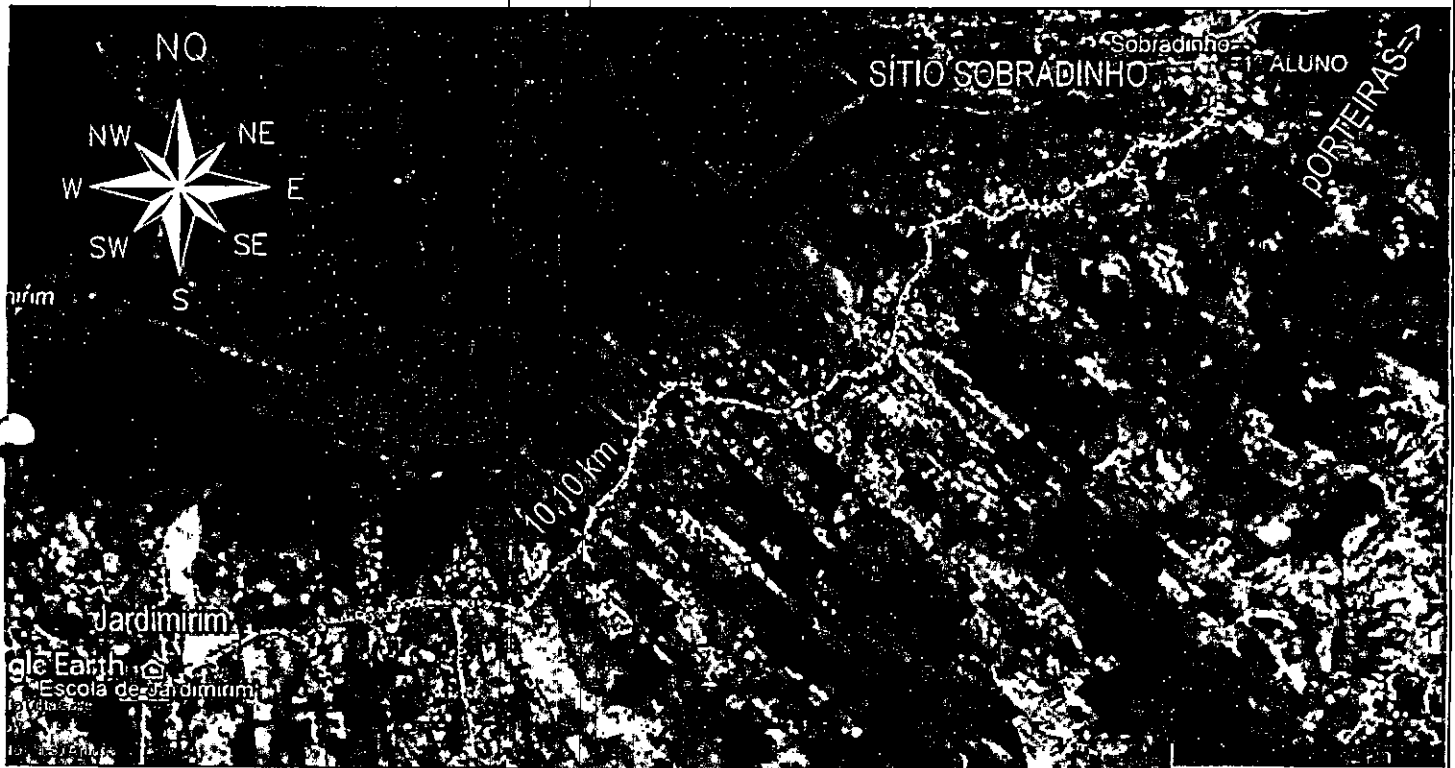
105	24M	476979,150	9161930,097	767,750
106	24M	476911,994	9161914,655	764,866
107	24M	476884,729	9161893,070	766,308
108	24M	476892,065	9161866,146	766,308
109	24M	476891,614	9161822,270	765,347
110	24M	476886,482	9161785,870	765,347
111	24M	476873,507	9161754,025	763,905
112	24M	476859,671	9161741,806	762,463
113	24M	476865,742	9161711,332	761,982
114	24M	476874,107	9161679,396	760,540
115	24M	476888,011	9161643,913	761,502
116	24M	476897,403	9161629,758	761,502
117	24M	476913,861	9161591,321	760,540
118	24M	476928,665	9161588,696	756,695
119	24M	476954,861	9161583,307	752,850
120	24M	476959,836	9161582,003	752,369
121	24M	476986,520	9161562,445	749,485
122	24M	476999,378	9161549,961	747,562
123	24M	477010,192	9161537,216	746,120
124	24M	477017,596	9161503,870	740,353
125	24M	477023,857	9161481,588	736,507
126	24M	477024,403	9161479,726	736,027
127	24M	477027,922	9161469,201	735,546
128	24M	477041,163	9161466,956	734,104
129	24M	477100,804	9161477,344	729,778
130	24M	477146,799	9161484,445	725,452
131	24M	477176,024	9161486,498	720,646
132	24M	477182,100	9161483,322	720,165
133	24M	477200,718	9161470,414	719,684
134	24M	477211,653	9161457,233	719,204
135	24M	477248,614	9161447,123	718,242
136	24M	477254,820	9161442,215	717,281
137	24M	477278,012	9161416,253	714,877
138	24M	477281,953	9161411,538	714,397
139	24M	477300,667	9161391,699	713,916
140	24M	477338,636	9161342,522	709,110
141	24M	477389,511	9161314,377	706,226
142	24M	477444,084	9161285,706	702,380
143	24M	477456,274	9161278,910	701,419
144	24M	477515,831	9161230,448	696,613
145	24M	477542,069	9161214,569	694,209
146	24M	477570,074	9161215,601	690,364
147	24M	477596,513	9161205,448	686,038
148	24M	477618,364	9161178,142	683,635
149	24M	477636,662	9161156,847	682,673
150	24M	477664,012	9161135,548	678,828
151	24M	477695,650	9161120,181	676,906
152	24M	477713,311	9161117,029	676,906
153	24M	477725,978	9161136,837	677,386
154	24M	477738,069	9161181,487	676,906
155	24M	477759,476	9161195,674	679,789
156	24M	477816,484	9161178,642	682,193

PMJ/CL  
FLS 169  
47

157	24M	477854,674	3161150,564	686,999
158	24M	477856,479	3161125,241	687,961
159	24M	477853,566	3161126,435	687,961

*[Handwritten signature]*

FLS 170  
47



350m 0 350m 700m 1050m 1400m

ESCALA GRÁFICA..... 1:35.000

ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
18	1	1	Sítio Sobradinho/Sítio Olho D'água do Sobradinho/Sítio São José/Sítio Capoeira/E.E.F Monsenhor Alcântara-Jardim Mirim	UTM Z-24M E(X)482961,26; N(Y) 9164077,74	JTM Z-24M E(X)477855,63 ; N(Y)9161093,60	40,39	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTDA.  
(88)  
99688-8559/99652-4881  
clevilandalencar@gmail.com

LEVANTAMENTO:

**CLEVLAND ALENCAR DE OLIVEIRA**  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784583-5

**LOCAL:** SÍTIO SOBRADINHO (rota 18) - JARDIM - CE

PRANCHA:  
**1 / 2**

**PROPRIETÁRIO:** PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

CONTEÚDO:

PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO SOBRADINHO

**PERCURSO UNITÁRIO : 10,10 km**

DATA:

**ABRIL / 2018**

ESCALA: **1 : 35.000**

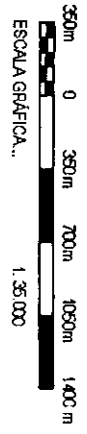
Escola de Jardimim

10,10 km

Sítio SOBRADINHO

ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
18	1	1	Sítio Sobradinho/Sítio Olho D'água do Sobradinho/Sítio São José/Sítio Capoeira/E.E.F. Monsenhor Alcântara-Jardim Milrím	UTM Z 24M E(X)482951,26; N(Y) 9164077,74	UTM Z-24M E(X)477855,63 ; N(Y) 9161093,60	40,39	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**



**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTDA.  
(88)  
98688-8558/99652-4881  
clevilandalencar@gmail.com

**LEVANTAMENTO:**  
CLEVILAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784583-5

**LOCAL:** SÍTIO SOBRADINHO (rota 18) - JARDIM - CE  
**PROPRIETÁRIO:** PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

**CONTEÚDO:** PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO SOBRADINHO

**PERCURSO UNITÁRIO:** 10,10 km      **DATA:** ABRIL / 2018      **ESCALA:** 1 : 35.000

**PRONCIA**  
**2 / 2**



Sítio Sobradinho.txt

1	24M	477873,298	9161123,803	687,961
2	24M	477859,268	9161112,130	688,922
3	24M	477874,855	9161094,643	690,845
4	24M	477889,010	9161096,280	693,248
5	24M	477930,820	9161097,004	695,651
6	24M	477991,529	9161093,798	695,651
7	24M	477998,164	9161102,965	696,613
8	24M	478008,728	9161131,473	699,016
9	24M	478030,322	9161160,875	701,900
10	24M	478141,324	9161210,250	709,590
11	24M	478223,944	9161253,098	712,955
12	24M	478274,941	9161280,243	714,397
13	24M	478304,694	9161300,892	715,839
14	24M	478394,411	9161353,667	719,684
15	24M	478495,750	9161364,267	723,530
16	24M	478541,204	9161341,075	724,010
17	24M	478552,813	9161329,470	723,530
18	24M	478603,789	9161321,440	723,049
19	24M	478626,324	9161336,712	724,010
20	24M	478670,458	9161369,960	730,739
21	24M	478688,393	9161376,343	731,220
22	24M	478710,999	9161396,035	732,181
23	24M	478730,243	9161410,081	734,104
24	24M	478782,547	9161409,697	741,314
25	24M	478804,079	9161415,211	744,678
26	24M	478823,991	9161423,661	746,601
27	24M	478850,443	9161424,470	747,562
28	24M	478914,778	9161420,300	749,004
29	24M	478932,113	9161422,226	750,447
30	24M	478951,737	9161432,965	749,966
31	24M	478963,106	9161442,208	749,485
32	24M	479002,520	9161465,641	752,850
33	24M	479044,429	9161472,480	759,579
34	24M	479101,241	9161482,558	755,734
35	24M	479110,827	9161486,649	755,734
36	24M	479140,493	9161494,797	753,811
37	24M	479191,422	9161491,169	760,540
38	24M	479274,194	9161505,289	766,308
39	24M	479302,023	9161508,341	767,270
40	24M	479332,194	9161484,679	769,673
41	24M	479351,717	9161407,666	768,711
42	24M	479372,377	9161332,332	760,540
43	24M	479369,747	9161298,787	754,292
44	24M	479372,247	9161268,923	749,485
45	24M	479368,021	9161186,267	739,391
46	24M	479387,292	9161049,812	733,143
47	24M	479402,555	9160990,608	730,259
48	24M	479426,264	9160897,696	723,049
49	24M	479429,914	9160880,871	721,607
50	24M	479437,384	9160862,564	718,723
51	24M	479438,330	9160854,892	717,281
52	24M	479438,877	9160850,889	702,861



Sítio Sobradinho.txt

53	24M	479440,398	9160862,611	705,264
54	24M	479424,352	9160894,647	708,629
55	24M	479406,685	9160975,811	715,358
56	24M	479384,994	9161063,469	723,049
57	24M	479363,662	9161216,603	731,700
58	24M	479367,163	9161245,867	734,104
59	24M	479368,187	9161271,822	735,546
60	24M	479366,337	9161295,135	739,391
61	24M	479370,164	9161340,809	750,447
62	24M	479351,910	9161409,770	759,579
63	24M	479328,177	9161493,016	764,866
64	24M	479326,714	9161498,752	765,347
65	24M	479336,310	9161501,545	765,828
66	24M	479404,520	9161494,300	760,059
67	24M	479433,544	9161491,561	757,656
68	24M	479477,294	9161496,129	756,695
69	24M	479522,754	9161501,542	751,888
70	24M	479566,925	9161493,768	752,369
71	24M	479593,789	9161483,540	752,369
72	24M	479634,191	9161467,054	753,811
73	24M	479671,052	9161474,696	755,253
74	24M	479730,980	9161526,399	754,772
75	24M	479745,450	9161548,885	753,811
76	24M	479766,217	9161590,906	750,927
77	24M	479797,446	9161642,291	748,524
78	24M	479833,704	9161675,294	747,562
79	24M	479893,470	9161719,028	753,811
80	24M	479919,473	9161733,513	757,176
81	24M	479941,247	9161756,715	760,059
82	24M	479974,319	9161847,352	764,866
83	24M	480012,812	9161953,475	769,192
84	24M	480082,027	9162020,489	767,750
85	24M	480121,893	9162050,482	767,270
86	24M	480134,849	9162067,556	765,828
87	24M	480148,517	9162083,036	765,347
88	24M	480183,172	9162148,849	760,540
89	24M	480187,641	9162185,657	757,176
90	24M	480201,379	9162257,151	758,617
91	24M	480211,556	9162285,751	756,695
92	24M	480234,501	9162318,479	754,292
93	24M	480267,471	9162388,517	752,369
94	24M	480269,060	9162391,770	751,888
95	24M	480273,284	9162418,004	749,966
96	24M	480301,584	9162469,759	742,756
97	24M	480335,963	9162509,432	743,236
98	24M	480343,661	9162519,850	746,120
99	24M	480360,364	9162531,004	749,004
100	24M	480403,627	9162551,741	749,966
101	24M	480456,602	9162541,867	753,811
102	24M	480463,649	9162539,775	754,772
103	24M	480491,575	9162531,030	753,811
104	24M	480546,292	9162489,836	748,043



Sítio Sobradinho.txt

105	24M	480580,359	9162478,823	747,082
106	24M	480702,033	9162467,540	745,159
107	24M	480815,657	9162426,231	740,353
108	24M	480906,772	9162415,296	740,353
109	24M	480944,935	9162427,348	740,833
110	24M	481035,535	9162482,147	739,391
111	24M	481082,344	9162490,181	739,391
112	24M	481097,247	9162496,534	739,391
113	24M	481119,645	9162509,098	741,794
114	24M	481171,422	9162582,646	752,369
115	24M	481176,107	9162589,412	753,811
116	24M	481227,658	9162604,647	755,734
117	24M	481268,241	9162600,197	754,772
118	24M	481318,314	9162608,769	752,369
119	24M	481322,410	9162609,994	751,888
120	24M	481383,385	9162641,485	746,120
121	24M	481405,218	9162657,923	746,601
122	24M	481416,530	9162671,780	746,120
123	24M	481424,330	9162682,764	746,601
124	24M	481439,218	9162723,967	748,043
125	24M	481452,788	9162780,968	749,966
126	24M	481457,753	9162806,230	748,524
127	24M	481460,821	9162859,326	747,562
128	24M	481467,406	9162876,592	749,004
129	24M	481478,822	9162934,417	751,888
130	24M	481484,346	9162947,262	752,369
131	24M	481490,005	9162970,698	752,850
132	24M	481520,836	9163031,728	756,695
133	24M	481565,302	9163077,075	755,734
134	24M	481584,879	9163094,855	756,214
135	24M	481607,763	9163117,909	761,982
136	24M	481615,629	9163150,761	765,347
137	24M	481607,334	9163248,729	775,921
138	24M	481606,074	9163255,187	776,883
139	24M	481590,315	9163287,446	779,766
140	24M	481620,797	9163295,269	782,651
141	24M	481649,125	9163302,887	786,496
142	24M	481660,672	9163307,460	787,457
143	24M	481675,640	9163312,256	787,457
144	24M	481705,215	9163319,875	787,457
145	24M	481737,008	9163333,490	785,534
146	24M	481752,484	9163341,150	786,015
147	24M	481775,274	9163369,948	784,573
148	24M	481784,535	9163379,774	784,573
149	24M	481818,905	9163375,793	785,054
150	24M	481857,906	9163351,484	782,651
151	24M	481880,852	9163335,601	783,612
152	24M	481907,191	9163320,860	784,573
153	24M	481936,057	9163320,592	784,093
154	24M	481991,365	9163355,973	778,805
155	24M	482015,379	9163374,885	776,402
156	24M	482079,792	9163391,357	769,673



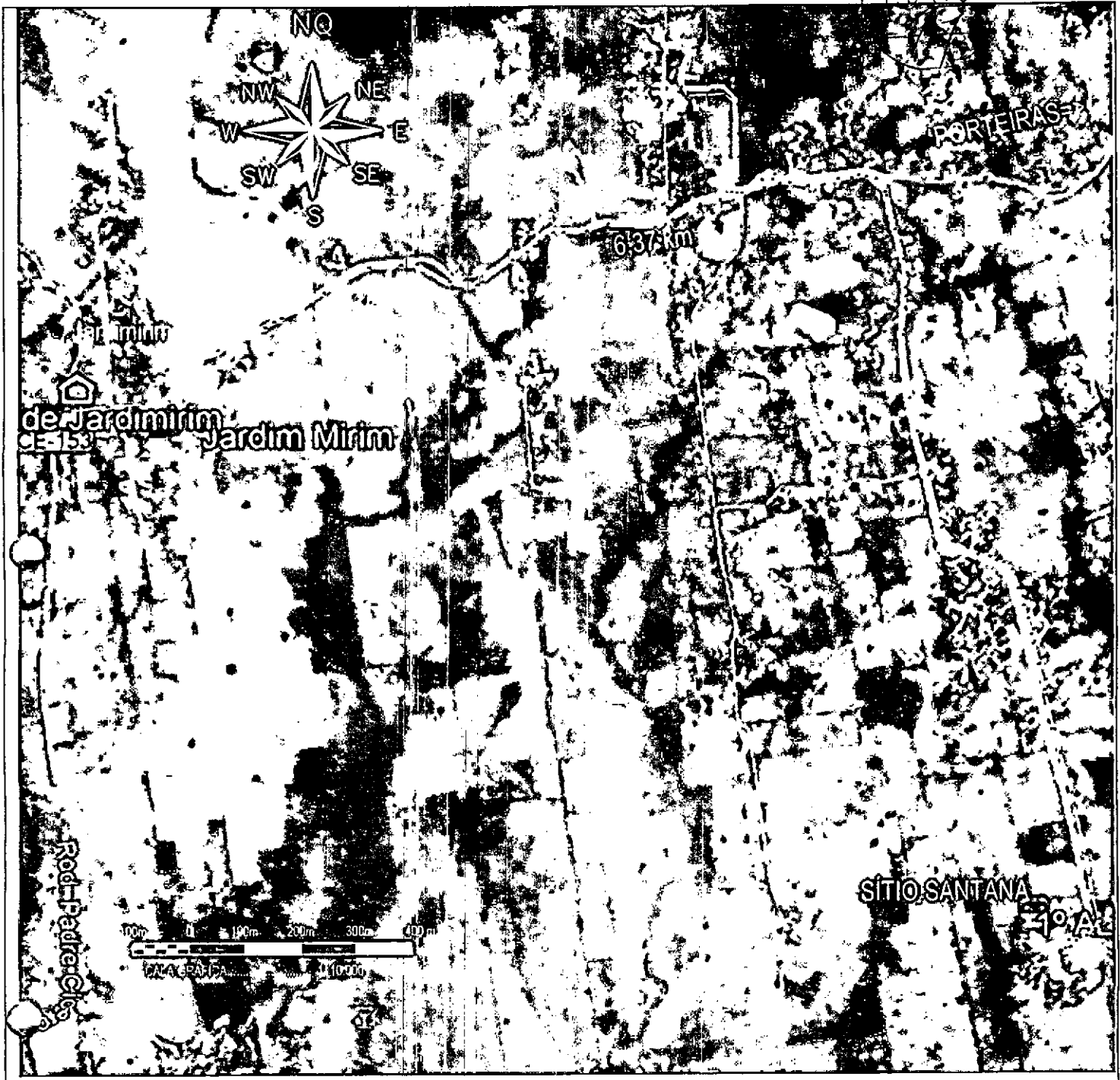
FLS/75  
97

Sítio Sobradinho.txt

157	24M	482136,059	9163380,629	770,153
158	24M	482179,056	9163377,837	769,192
159	24M	482215,546	9163389,313	767,750
160	24M	482246,442	9163404,484	766,308
161	24M	482263,829	9163417,574	766,308
162	24M	482319,755	9163456,828	768,231
163	24M	482328,174	9163467,691	767,270
164	24M	482352,467	9163484,749	767,750
165	24M	482465,680	9163531,900	771,115
166	24M	482498,351	9163548,072	770,634
167	24M	482531,465	9163564,541	770,634
168	24M	482560,745	9163598,799	771,595
169	24M	482570,604	9163618,003	770,634
170	24M	482577,722	9163646,480	769,673
171	24M	482610,437	9163668,953	771,115
172	24M	482654,205	9163679,986	773,999
173	24M	482686,874	9163675,828	773,518
174	24M	482705,766	9163669,784	773,999
175	24M	482761,715	9163671,056	776,883
176	24M	482761,318	9163669,999	778,325
177	24M	482786,374	9163674,419	779,286
178	24M	482820,495	9163693,186	779,286
179	24M	482851,225	9163708,745	779,766
180	24M	482924,345	9163759,216	781,689
181	24M	482930,299	9163762,693	781,209
182	24M	482945,449	9163773,735	780,728
183	24M	482986,477	9163820,553	779,286
184	24M	482997,944	9163844,890	779,286
185	24M	483001,855	9163896,467	779,766
186	24M	483005,736	9163929,335	779,766
187	24M	483005,004	9163960,636	778,805
188	24M	482998,958	9163983,540	776,883
189	24M	482981,759	9164011,832	775,921
190	24M	482973,116	9164029,250	774,479
191	24M	482971,463	9164076,155	772,557
192	24M	482964,500	9164079,201	773,037
193	24M	482962,697	9164078,088	773,518


*[Handwritten signature]*

176



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
19	1	1	Sítio Santana/Sítio Capoeira/E.E.F Monsenhor Alcântara - Jardim Mirim	UTM Z:24M E(X)478985,06; N(Y)9161719,648	UTM7 24M E(X)77855,63 ; N(Y)9161093,60	25,46	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevilandalencar@gmail.com	LEVANTAMENTO:   CLEVLAND ALENCAR DE OLIVEIRA TEC. CONS. CIVIL TOPO. ESTRADAS CREA. RNP 060784563-5	PRANCHA: <b>1 / 2</b>
	LOCAL: SÍTIO SANTANA (rota 19) - JARDIM - CE PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)	CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO SANTANA

FLS 177  
41

6,37 Km

Sítio Santana

Escola de Jardimmirim

ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MAUTINO	VEPERTINO							
19	1	1	Sítio Santana/Sítio Capoeira/E.L.F. Monsenhor Alcântara Jardim Mirim	UTM 2-24M E(X)1478985,06, N(Y) 9161719,648	UTM 2-24M E(X)1477855,63 ; N(Y) 9161093,60	25,46	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E GEODESIA  
L.TDA.  
(88)  
99688-8559/99652-4881  
clevilandalencar@gmail.com

**LEVANTAMENTO:**  
CLEVLAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL, TOPO. ESTRADAS  
CREA. RNP 060794583-5

**LOCAL:** SÍTIO SANTANA (rota 19) - JARDIM - CE  
**PROPRIETÁRIO:** PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

**CONTEÚDO:** PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO SANTANA

**PERCURSO UNITÁRIO:** 6,37 km      **DATA:** ABRIL / 2018      **ESCALA:** 1 : 20.000

**PRANCHA:** 212



FLS 178  
97

Sitio Santana.txt

1	24M	478990,685	9161718,344	782,651
2	24M	478996,796	9161719,403	783,612
3	24M	478990,194	9161721,661	779,766
4	24M	478979,378	9161696,610	781,209
5	24M	478971,844	9161671,773	780,247
6	24M	478981,994	9161656,071	779,766
7	24M	479017,137	9161657,412	779,766
8	24M	479050,311	9161659,066	780,247
9	24M	479071,447	9161638,949	775,921
10	24M	479073,254	9161585,401	775,440
11	24M	479073,235	9161544,546	772,557
12	24M	479074,019	9161506,546	769,192
13	24M	479068,606	9161495,776	769,192
14	24M	479059,579	9161481,484	767,750
15	24M	479069,020	9161480,265	767,270
16	24M	479078,543	9161480,389	765,828
17	24M	479118,926	9161488,042	762,943
18	24M	479146,466	9161496,431	761,982
19	24M	479197,912	9161492,209	766,308
20	24M	479276,700	9161504,985	771,595
21	24M	479303,558	9161507,665	773,037
22	24M	479336,994	9161480,465	771,595
23	24M	479338,828	9161473,460	771,595
24	24M	479368,685	9161360,166	764,386
25	24M	479375,455	9161335,789	760,540
26	24M	479373,531	9161294,146	753,330
27	24M	479374,743	9161269,842	749,004
28	24M	479370,802	9161233,896	743,717
29	24M	479379,656	9161111,540	736,027
30	24M	479411,364	9160973,849	730,259
31	24M	479433,780	9160879,316	724,971
32	24M	479453,659	9160855,028	722,087
33	24M	479499,445	9160831,697	716,800
34	24M	479533,169	9160820,703	713,916
35	24M	479545,930	9160817,011	712,474
36	24M	479561,626	9160803,721	711,032
37	24M	479572,467	9160769,774	706,226
38	24M	479581,818	9160739,561	703,823
39	24M	479596,107	9160687,464	700,939
40	24M	479600,173	9160670,851	698,535
41	24M	479609,749	9160633,466	695,651
42	24M	479620,586	9160586,713	690,845
43	24M	479624,048	9160578,107	689,883
44	24M	479638,590	9160517,419	686,999
45	24M	479648,261	9160473,502	686,519
46	24M	479668,659	9160403,374	686,519
47	24M	479672,745	9160383,713	687,480
48	24M	479695,454	9160293,378	687,480
49	24M	479706,098	9160222,931	683,635
50	24M	479721,266	9160166,275	682,673
51	24M	479722,479	9160162,347	682,673
52	24M	479720,692	9160167,794	683,154



Sitio Santana.txt

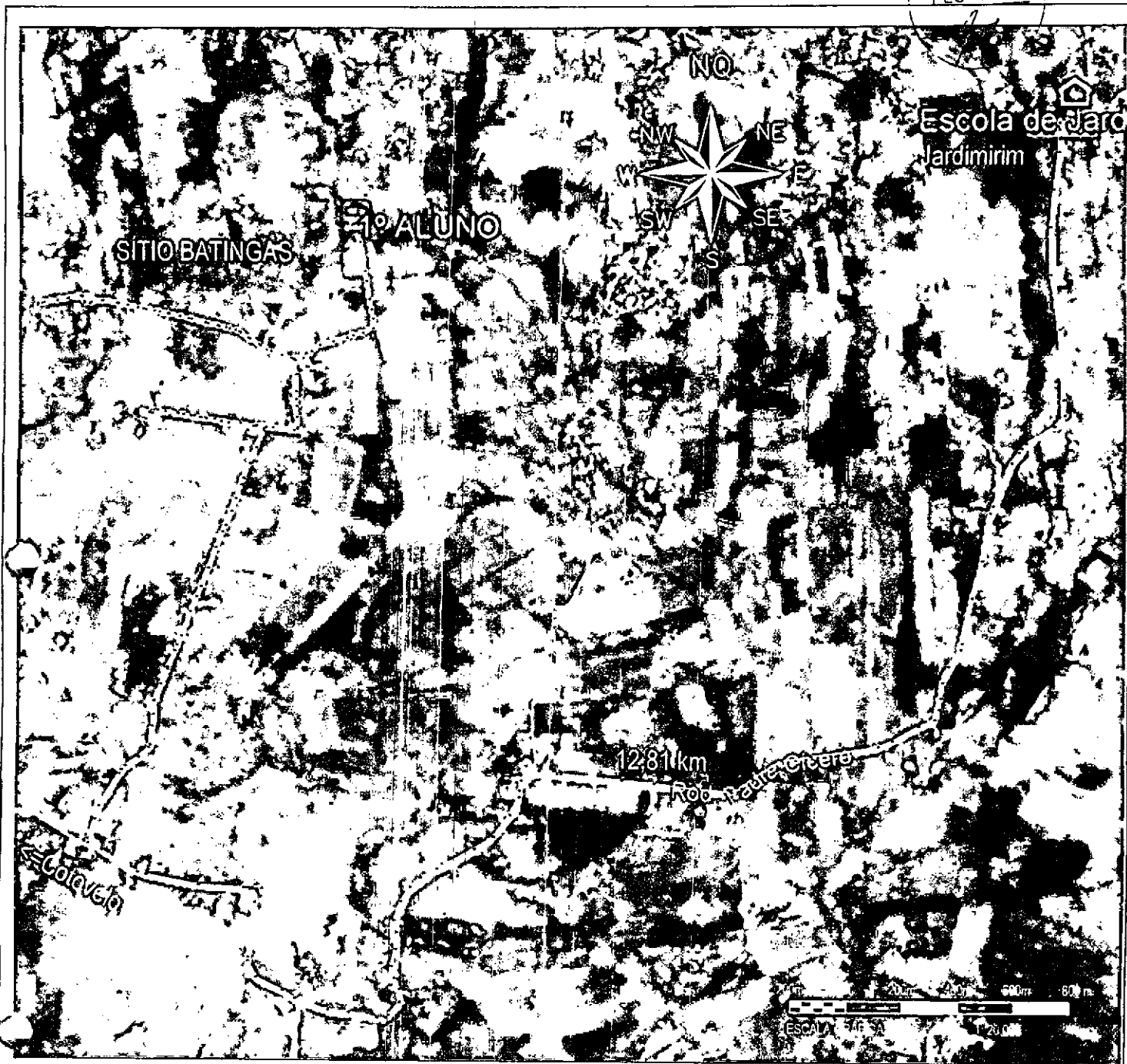
53	24M	479711,043	9160158,950	683,635
54	24M	479683,498	9160144,224	682,673
55	24M	479662,031	9160139,869	683,635
56	24M	479665,753	9160127,676	684,116
57	24M	479663,932	9160127,129	684,596
58	24M	479675,928	9160138,012	683,635
59	24M	479694,961	9160147,833	683,154
60	24M	479707,939	9160153,287	682,193
61	24M	479718,109	9160176,883	682,193
62	24M	479702,284	9160255,732	685,077
63	24M	479695,841	9160295,083	687,480
64	24M	479675,095	9160379,924	688,922
65	24M	479649,582	9160476,829	687,961
66	24M	479640,624	9160515,826	688,441
67	24M	479627,072	9160575,588	691,325
68	24M	479611,644	9160633,986	696,613
69	24M	479602,270	9160675,022	699,496
70	24M	479590,705	9160715,844	701,419
71	24M	479580,416	9160755,517	703,823
72	24M	479567,677	9160794,967	707,187
73	24M	479557,026	9160815,107	708,148
74	24M	479520,629	9160827,054	705,745
75	24M	479480,320	9160842,651	707,187
76	24M	479459,568	9160853,400	708,148
77	24M	479436,978	9160881,986	711,032
78	24M	479432,867	9160895,726	712,474
79	24M	479393,274	9161051,492	724,971
80	24M	479369,003	9161224,954	737,469
81	24M	479372,837	9161273,751	743,236
82	24M	479372,618	9161309,667	750,927
83	24M	479377,361	9161331,065	753,811
84	24M	479354,128	9161412,977	762,463
85	24M	479336,273	9161480,566	767,270
86	24M	479321,081	9161503,577	767,750
87	24M	479289,282	9161509,947	768,231
88	24M	479251,921	9161503,955	767,750
89	24M	479164,375	9161497,300	762,463
90	24M	479133,675	9161503,477	760,059
91	24M	479114,786	9161503,283	759,098
92	24M	479084,648	9161473,924	758,137
93	24M	479038,208	9161467,529	761,021
94	24M	479002,356	9161460,322	759,579
95	24M	478952,764	9161432,576	755,253
96	24M	478940,193	9161424,713	754,772
97	24M	478921,084	9161419,349	753,811
98	24M	478836,352	9161425,594	749,485
99	24M	478797,506	9161413,299	745,640
100	24M	478754,430	9161411,547	738,911
101	24M	478735,651	9161411,474	735,065
102	24M	478723,237	9161405,371	735,065
103	24M	478710,010	9161395,562	734,104
104	24M	478702,645	9161387,923	733,143

FLS 180  
47

Sítio Santana.txt


105	24M	478688,651	9161376,668	732,662
106	24M	478661,419	9161362,108	731,700
107	24M	478606,766	9161323,591	724,491
108	24M	478598,253	9161318,463	724,010
109	24M	478548,248	9161324,445	724,491
110	24M	478489,171	9161355,831	724,010
111	24M	478460,094	9161353,761	725,452
112	24M	478402,373	9161349,769	724,491
113	24M	478320,336	9161304,708	720,646
114	24M	478244,744	9161260,381	716,800
115	24M	478231,072	9161253,425	716,800
116	24M	478215,257	9161243,707	716,800
117	24M	478130,131	9161201,776	712,474
118	24M	478031,571	9161158,800	704,303
119	24M	478012,437	9161147,357	703,342
120	24M	477997,337	9161111,620	701,900
121	24M	477993,354	9161106,466	701,419
122	24M	477928,682	9161101,358	699,496
123	24M	477856,115	9161093,587	696,132
124	24M	477858,250	9161093,496	696,132

137



ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
20	1	1	Sítio Batingas/Sítio Baixo dos Freires/Sítio Cotovelo/E.E.F Monsenhor Alcântara-Jardim Mirim	UTM Z-24M E(X)475324,47; N(Y) 9160689,72	UTM Z-24M E(X)477855,63 ; N(Y)9161093,60	51,25	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevelandencar@gmail.com	LEVANTAMENTO:  <div style="text-align: center;">   <b>CLEVALD ALENCAR DE OLIVEIRA</b>  <small>TEC. CONS. CIVIL TOPO. ESTRADAS          CREA: RNP 060784563-5</small> </div>	PRANCHA: <b>1 / 2</b>
	LOCAL: <b>SÍTIO BATINGAS (rota 20) - JARDIM - CE</b> PROPRIETÁRIO: <b>PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)</b>	
CONTEÚDO: <b>PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO BATINGAS</b>		
PERCURSO UNITÁRIO : <b>12,81 km</b>	DATA: <b>ABRIL / 2018</b>	ESCALA: <b>1 : 20.000</b>

FLS 182  
97

Sítio Batingas

12,81 km

Escola de Jardimim

ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
20	1	1	Sítio Batingas/Sítio Baixo dos Frelres/Sítio Corovelo/E.E.F Monsenhor Alcântara-Jardim Milim	UTM 2-24M E(X)4/5324,4/, N(Y) 9160689,72	UTM 2-24M E(X)4/785,84 ; N(Y) 9161093,60	51,25	Carroçável	Van	22

**LEVANTAMENTO PLANIMETRICO**



**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTDA.  
(88)  
90688-8559/99652-4884  
clevilan@lenicar@gmail.com

**LEVANTAMENTO:**  
CLEVLAND ALVARADO DE OLIVEIRA  
TEC. CONS. CIVIL, TOPO. ESTRADAS  
CREA RNP 060784583-5

**LOCAL:** SÍTIO BATINGAS (rota 20) - JARDIM - CE

**PROPRIETÁRIO:** PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

**PRONCHA:** 212

**CONTEÚDO:** PERFS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO BATINGAS

**PERCURSO UNITÁRIO:** 12,81 km      **DATA:** ABRIL / 2018      **ESCALA:** 1 : 45.000



FLS 183  
41

Sítio Batingas.txt

1	24M	475324,474	9160689,722	673,044
2	24M	475324,809	9160685,117	674,502
3	24M	475330,095	9160653,226	675,463
4	24M	475346,902	9160549,675	673,541
5	24M	475352,911	9160515,134	673,541
6	24M	475362,263	9160451,795	671,138
7	24M	475370,576	9160415,142	667,773
8	24M	475376,010	9160383,436	664,408
9	24M	475375,991	9160349,290	663,447
10	24M	475340,116	9160333,157	662,966
11	24M	475305,292	9160324,225	663,928
12	24M	475283,689	9160315,846	664,408
13	24M	475234,269	9160302,320	666,331
14	24M	475187,011	9160289,564	668,254
15	24M	475157,991	9160268,440	668,734
16	24M	475153,574	9160244,781	668,254
17	24M	475127,678	9160242,803	668,734
18	24M	475092,861	9160239,477	669,696
19	24M	475052,866	9160252,763	669,215
20	24M	474998,888	9160272,944	668,254
21	24M	474971,558	9160290,953	667,292
22	24M	474933,648	9160313,839	665,850
23	24M	474906,011	9160332,792	665,850
24	24M	474898,770	9160337,384	666,331
25	24M	474865,295	9160347,402	664,408
26	24M	474827,023	9160355,314	661,044
27	24M	474786,854	9160364,800	656,237
28	24M	474716,457	9160381,822	653,353
29	24M	474684,417	9160389,626	651,911
30	24M	474640,781	9160398,989	649,989
31	24M	474592,800	9160408,054	649,508
32	24M	474554,010	9160415,594	647,105
33	24M	474496,200	9160427,156	645,182
34	24M	474463,290	9160434,384	644,701
35	24M	474407,220	9160442,157	642,779
36	24M	474367,096	9160437,196	643,259
37	24M	474342,522	9160435,209	645,663
38	24M	474329,353	9160458,386	647,105
39	24M	474286,142	9160451,710	644,701
40	24M	474246,630	9160443,831	642,779
41	24M	474200,008	9160435,234	642,298
42	24M	474179,281	9160431,369	642,779
43	24M	474176,289	9160424,371	643,259
44	24M	474175,504	9160424,148	643,740
45	24M	474174,040	9160430,013	644,221
46	24M	474174,898	9160432,571	647,105
47	24M	474191,328	9160432,923	646,624
48	24M	474247,305	9160443,146	646,624
49	24M	474280,605	9160449,650	647,585
50	24M	474335,780	9160455,804	649,027
51	24M	474341,447	9160440,073	649,027
52	24M	474361,384	9160433,792	648,066

FLS 184  
4

Sítio Batingas.txt

53	24M	474404,317	9160442,405	648,066
54	24M	474407,811	9160443,158	647,585
55	24M	474457,881	9160435,290	645,663
56	24M	474533,280	9160418,521	647,585
57	24M	474562,860	9160412,810	649,508
58	24M	474611,774	9160404,580	651,430
59	24M	474646,422	9160398,019	652,392
60	24M	474685,055	9160389,505	652,392
61	24M	474727,239	9160380,428	653,834
62	24M	474776,802	9160368,371	656,237
63	24M	474821,585	9160357,924	660,563
64	24M	474853,311	9160350,565	663,928
65	24M	474888,042	9160342,466	665,850
66	24M	474905,419	9160333,858	667,292
67	24M	474938,790	9160310,960	667,773
68	24M	474977,597	9160287,574	669,696
69	24M	475014,470	9160267,328	670,176
70	24M	475085,814	9160242,309	674,022
71	24M	475100,371	9160234,839	674,022
72	24M	475103,485	9160184,710	671,138
73	24M	475104,598	9160124,091	669,696
74	24M	475104,197	9160096,301	669,696
75	24M	475105,873	9160071,867	668,254
76	24M	475107,947	9160032,153	666,812
77	24M	475109,260	9159995,599	663,928
78	24M	475109,346	9159990,762	663,928
79	24M	475098,216	9159986,762	663,447
80	24M	475023,099	9159996,406	660,082
81	24M	474998,598	9159996,940	658,640
82	24M	474963,859	9160002,936	655,276
83	24M	474907,151	9160010,532	653,834
84	24M	474812,634	9160025,401	650,950
85	24M	474778,201	9160031,026	650,469
86	24M	474739,153	9160036,676	649,989
87	24M	474725,469	9160038,059	649,989
88	24M	474680,938	9160045,124	648,066
89	24M	474607,901	9160055,399	649,508
90	24M	474595,501	9160058,265	649,989
91	24M	474580,545	9160051,956	649,508
92	24M	474585,107	9160045,092	649,027
93	24M	474588,555	9160046,252	651,911
94	24M	474584,597	9160046,732	656,237
95	24M	474577,330	9160048,025	656,237
96	24M	474583,890	9160056,081	655,276
97	24M	474594,421	9160055,781	653,834
98	24M	474635,178	9160050,724	651,430
99	24M	474700,393	9160040,928	650,950
100	24M	474729,418	9160035,958	651,430
101	24M	474759,561	9160031,480	651,430
102	24M	474764,638	9160030,250	651,430
103	24M	474781,660	9160028,026	651,430
104	24M	474836,187	9160017,593	651,911



Sítio Batingas.txt

105	24M	474863,474	9160012,946	652,873
106	24M	474952,063	9159999,649	655,276
107	24M	474990,797	9159992,915	658,640
108	24M	474989,914	9159984,936	658,640
109	24M	474964,991	9159924,980	655,276
110	24M	474940,973	9159867,405	660,563
111	24M	474919,773	9159814,938	660,082
112	24M	474910,281	9159791,397	659,602
113	24M	474890,946	9159742,702	659,121
114	24M	474874,808	9159697,623	656,718
115	24M	474854,707	9159646,490	654,795
116	24M	474843,237	9159622,883	653,834
117	24M	474820,623	9159568,423	652,873
118	24M	474792,620	9159495,650	651,911
119	24M	474766,702	9159430,596	651,430
120	24M	474750,800	9159394,959	650,950
121	24M	474729,693	9159341,964	648,066
122	24M	474697,166	9159256,132	645,663
123	24M	474681,994	9159221,858	644,701
124	24M	474673,720	9159202,200	641,337
125	24M	474648,141	9159144,958	637,972
126	24M	474648,228	9159138,027	638,453
127	24M	474626,511	9159083,354	635,569
128	24M	474601,395	9159023,786	633,165
129	24M	474600,580	9158974,666	630,282
130	24M	474596,025	9158933,623	627,398
131	24M	474588,294	9158867,310	626,436
132	24M	474583,233	9158857,893	622,110
133	24M	474547,925	9158822,736	620,669
134	24M	474501,418	9158791,734	619,226
135	24M	474486,365	9158777,114	618,746
136	24M	474478,745	9158763,664	618,746
137	24M	474408,893	9158648,818	620,669
138	24M	474395,308	9158603,119	622,591
139	24M	474369,403	9158534,276	620,188
140	24M	474371,195	9158519,432	620,669
141	24M	474419,589	9158495,987	620,188
142	24M	474550,748	9158417,813	619,226
143	24M	474580,707	9158409,786	618,746
144	24M	474765,873	9158374,830	617,784
145	24M	474927,469	9158364,583	618,746
146	24M	474938,212	9158364,163	618,746
147	24M	474967,472	9158313,723	619,707
148	24M	474942,132	9158117,479	619,707
149	24M	474940,937	9158105,266	619,707
150	24M	474970,451	9158046,617	619,226
151	24M	475065,164	9158001,809	615,862
152	24M	475109,649	9157972,393	615,381
153	24M	475228,010	9157931,970	617,304
154	24M	475301,403	9157924,308	618,746
155	24M	475403,979	9157905,171	614,420
156	24M	475432,705	9157904,176	614,420




Sítio Batingas.txt

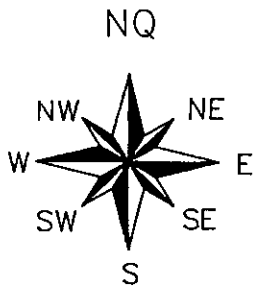
157	24M	475445,634	9157914,107	614,420
158	24M	475483,433	9157958,734	615,862
159	24M	475485,188	9157961,357	616,342
160	24M	475483,492	9158007,029	620,188
161	24M	475463,594	9158045,613	620,669
162	24M	475454,521	9158088,807	619,226
163	24M	475469,393	9158149,527	618,746
164	24M	475471,923	9158209,185	621,149
165	24M	475464,283	9158252,713	624,994
166	24M	475485,439	9158318,570	628,359
167	24M	475520,065	9158369,923	629,801
168	24M	475555,596	9158403,661	631,243
169	24M	475615,045	9158435,660	634,127
170	24M	475747,070	9158505,483	637,492
171	24M	475813,745	9158548,169	637,011
172	24M	475873,301	9158625,285	632,204
173	24M	475906,063	9158688,247	628,840
174	24M	475906,320	9158710,885	626,917
175	24M	475913,947	9158747,194	623,553
176	24M	475977,132	9158781,427	622,110
177	24M	476041,170	9158771,581	621,149
178	24M	476055,095	9158770,514	621,149
179	24M	476274,342	9158748,653	616,342
180	24M	476389,323	9158738,109	610,575
181	24M	476548,390	9158719,368	604,326
182	24M	476662,936	9158709,445	603,845
183	24M	476700,522	9158722,121	603,845
184	24M	476739,752	9158756,860	604,807
185	24M	476843,278	9158821,802	608,652
186	24M	476948,688	9158835,511	610,094
187	24M	477186,990	9158871,514	610,094
188	24M	477238,375	9158892,211	610,094
189	24M	477332,154	9158945,147	612,017
190	24M	477388,605	9158967,645	613,459
191	24M	477402,632	9159004,698	614,900
192	24M	477409,362	9159044,907	616,342
193	24M	477415,660	9159099,905	619,707
194	24M	477435,714	9159156,948	622,591
195	24M	477478,298	9159216,624	624,033
196	24M	477482,651	9159239,161	624,514
197	24M	477517,756	9159397,575	631,243
198	24M	477553,807	9159528,857	637,011
199	24M	477581,992	9159697,246	638,934
200	24M	477592,936	9159721,927	638,934
201	24M	477658,481	9159874,758	632,685
202	24M	477685,747	9159912,095	634,127
203	24M	477696,068	9159926,629	635,569
204	24M	477711,814	9159943,955	637,011
205	24M	477813,442	9160003,686	640,856
206	24M	477848,280	9160043,778	643,259
207	24M	477844,686	9160098,188	645,663
208	24M	477833,374	9160346,387	655,757

FLS 187  
47

Sítio Batingas.txt

209	24M	477801,444	9160536,218	663,447
210	24M	477799,711	9160704,260	672,099
211	24M	477811,373	9160836,985	680,751
212	24M	477827,925	9160971,047	690,364
213	24M	477822,808	9161061,066	694,209
214	24M	477828,405	9161072,800	695,170
215	24M	477841,538	9161084,435	695,651
216	24M	477864,260	9161093,934	692,287





..  
 T.S. 188  
 47



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
21	1	1	Sítio Correntinho/Sítio Batíngas/Sítio Bixio dos Frelres/Sítio Cotovelo(EEF Luiz Mendes Rocha)/Sítio Areia	UTM Z-24M E(X)475514,51; N(Y) 9161477,85 e UTM Z-24M E(X)470871,07;	UTM Z-24M EX472771,60 ; N(Y)9158789,35	41,83	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
 TOPOGRAFIA E  
 GEODÉSIA  
 LTDA.  
 (88)  
 99688-8559/99652-4881  
 clevlandalencar@gmail.com

LEVANTAMENTO:  
 CLEVELAND ALENCAR DE OLIVEIRA  
 TEC. CONS. CIVIL TOPO. ESTRADAS  
 CREA: RNP 060784563-5

LOCAL: SÍTIO COTOVELO (rota 21) - JARDIM - CE  
 PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)  
 PRANCHA: 1 / 2

CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO COTOVELO

PERCURSO UNITÁRIO : 10,46 km      DATA: ABRIL / 2018      ESCALA: 1 : 30.000

FLS 185  
4

Escola do Cotovelo

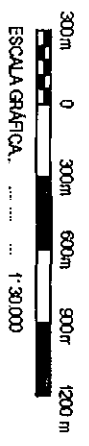
8,13 km

Sítio Correntinho

Escola do Cotovelo 2,92 km Sítio Areias

ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	Q.TDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	Q.TDE APROXIMADA DE ALUNOS
	MATUTINO	VEP. ESTINO							
21	1	1	Sítio Correntinho/Sítio Ubiratingas/Sítio Bimbo dos Freires/Sítio Cotovelo (EEF Luiz Mendes Rocha)/Sítio Areias	DTM 2-24M E(X)A/55 14,51; N(Y) 9161477,85 e UTM 2-24M E(X)A/08/L0/;	UTM 2-24M E(X)A/2771,60 ; N(Y) 9158789,35	41,83	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**



**TOPOGEO** LEVANTAMENTO: **TOPOGRAFIA E GEODESIA**

LOCAL: SÍTIO COTOVELO (rota 21) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

CONTEÚDO: PERFILS DAS ROTAS ESCOLARES MUNICIPAIS COTOVELO

PERCURSO UNITÁRIO : 10,46 km DATA: ABRIL / 2018 ESCALA: 1 : 30.000

99888-8559/99852-4881  
clevilandencar@gmail.com  
(88)  
CIVIL ENGENHEIRO DE OLIVEIRA  
TEC. CONS. CIVIL. TOPO. ESTRADAS  
CREA: RNP 080784583-5

PRANCHA: 212

P. J. L.  
 FLS 190  
 47

litio Cotovelo.txt

1	24M	472771,645	9158790,204	663,447
2	24M	472771,618	9158789,343	661,044
3	24M	472805,961	9158780,402	660,563
4	24M	472934,948	9158691,806	659,602
5	24M	473008,046	9158636,056	661,524
6	24M	473012,744	9158632,584	661,524
7	24M	473058,492	9158630,793	660,082
8	24M	473068,391	9158634,496	658,640
9	24M	473175,235	9158693,508	649,989
10	24M	473283,016	9158713,176	645,663
11	24M	473347,358	9158725,443	642,298
12	24M	473509,863	9158743,946	634,127
13	24M	473631,470	9158724,461	629,320
14	24M	473797,146	9158677,489	628,359
15	24M	473981,451	9158647,716	632,685
16	24M	474118,241	9158638,941	631,723
17	24M	474200,304	9158620,203	628,359
18	24M	474320,257	9158546,434	627,398
19	24M	474362,382	9158523,986	628,359
20	24M	474369,937	9158538,103	628,840
21	24M	474400,094	9158627,093	624,514
22	24M	474416,127	9158658,718	624,994
23	24M	474449,299	9158710,692	624,033
24	24M	474491,533	9158778,052	623,072
25	24M	474512,371	9158796,966	623,553
26	24M	474568,154	9158839,028	624,514
27	24M	474574,493	9158846,898	624,994
28	24M	474588,294	9158867,310	626,436
29	24M	474596,025	9158933,623	627,398
30	24M	474600,580	9158974,666	630,282
31	24M	474601,395	9159023,786	633,165
32	24M	474626,511	9159083,354	635,569
33	24M	474648,228	9159138,027	638,453
34	24M	474671,754	9159196,852	643,740
35	24M	474681,994	9159221,858	644,701
36	24M	474697,166	9159256,132	645,663
37	24M	474729,693	9159341,964	648,066
38	24M	474750,800	9159394,959	650,950
39	24M	474766,702	9159430,596	651,430
40	24M	474792,620	9159495,650	651,911
41	24M	474820,623	9159568,423	652,873
42	24M	474843,237	9159622,883	653,834
43	24M	474854,707	9159646,490	654,795
44	24M	474874,808	9159697,623	656,718
45	24M	474890,946	9159742,702	659,121
46	24M	474910,281	9159791,397	659,602
47	24M	474919,773	9159814,938	660,082
48	24M	474940,973	9159867,405	660,563
49	24M	474967,373	9159931,338	658,640
50	24M	474989,914	9159984,936	658,640
51	24M	474990,797	9159992,915	658,640
52	24M	474952,063	9159999,649	655,276



27.03/1987  
 FLS 1987  
 47

Sitio Cotovelo.txt

53	24M	474863,474	9160012,946	652,873
54	24M	474836,187	9160017,593	651,911
55	24M	474781,660	9160028,026	651,430
56	24M	474764,638	9160030,250	651,430
57	24M	474759,561	9160031,480	651,430
58	24M	474729,418	9160035,958	651,430
59	24M	474700,393	9160040,928	650,950
60	24M	474635,178	9160050,724	651,430
61	24M	474594,421	9160055,781	653,834
62	24M	474583,890	9160056,081	655,276
63	24M	474577,330	9160048,025	656,237
64	24M	474584,597	9160046,732	656,237
65	24M	474588,555	9160046,252	651,911
66	24M	474585,107	9160045,092	649,027
67	24M	474580,545	9160051,956	649,508
68	24M	474595,501	9160058,265	649,989
69	24M	474607,901	9160055,399	649,508
70	24M	474680,938	9160045,124	648,066
71	24M	474725,469	9160038,059	649,989
72	24M	474739,153	9160036,676	649,989
73	24M	474778,201	9160031,026	650,469
74	24M	474812,634	9160025,401	650,950
75	24M	474907,151	9160010,532	653,834
76	24M	474963,859	9160002,936	655,276
77	24M	474998,598	9159996,940	658,640
78	24M	475023,099	9159996,406	660,082
79	24M	475098,216	9159986,762	663,447
80	24M	475109,346	9159990,762	663,928
81	24M	475109,260	9159995,599	663,928
82	24M	475107,947	9160032,153	666,812
83	24M	475105,873	9160071,867	668,254
84	24M	475104,197	9160096,301	669,696
85	24M	475104,598	9160124,091	669,696
86	24M	475103,485	9160184,710	671,138
87	24M	475100,371	9160234,839	674,022
88	24M	475085,814	9160242,309	674,022
89	24M	475014,470	9160267,328	670,176
90	24M	474977,597	9160287,574	669,696
91	24M	474938,790	9160310,960	667,773
92	24M	474905,419	9160333,858	667,292
93	24M	474888,042	9160342,466	665,850
94	24M	474853,311	9160350,565	663,928
95	24M	474821,585	9160357,924	660,563
96	24M	474776,802	9160368,371	656,237
97	24M	474727,239	9160380,428	653,834
98	24M	474685,055	9160389,505	652,392
99	24M	474646,422	9160398,019	652,392
100	24M	474611,774	9160404,580	651,430
101	24M	474562,860	9160412,810	649,508
102	24M	474533,280	9160418,521	647,585
103	24M	474457,881	9160435,290	645,663
104	24M	474407,811	9160443,158	647,585



itio Cotovelo.txt

105	24M	474404,317	9160442,405	648,066
106	24M	474361,384	9160433,792	648,066
107	24M	474341,447	9160440,073	649,027
108	24M	474335,780	9160455,804	649,027
109	24M	474280,605	9160449,650	647,585
110	24M	474247,305	9160443,146	646,624
111	24M	474191,328	9160432,923	646,624
112	24M	474174,898	9160432,571	647,105
113	24M	474174,040	9160430,013	644,221
114	24M	474175,504	9160424,148	643,740
115	24M	474176,289	9160424,371	643,259
116	24M	474179,281	9160431,369	642,779
117	24M	474200,008	9160435,234	642,298
118	24M	474246,630	9160443,831	642,779
119	24M	474286,142	9160451,710	644,701
120	24M	474329,353	9160458,386	647,105
121	24M	474342,522	9160435,209	645,663
122	24M	474367,096	9160437,196	643,259
123	24M	474407,220	9160442,157	642,779
124	24M	474463,290	9160434,384	644,701
125	24M	474496,200	9160427,156	645,182
126	24M	474554,010	9160415,594	647,105
127	24M	474592,800	9160408,054	649,508
128	24M	474640,781	9160398,989	649,989
129	24M	474684,417	9160389,626	651,911
130	24M	474716,457	9160381,822	653,353
131	24M	474786,854	9160364,800	656,237
132	24M	474827,023	9160355,314	661,044
133	24M	474865,295	9160347,402	664,408
134	24M	474898,770	9160337,384	666,331
135	24M	474906,011	9160332,792	665,850
136	24M	474933,648	9160313,839	665,850
137	24M	474971,558	9160290,953	667,292
138	24M	474998,888	9160272,944	668,254
139	24M	475052,866	9160252,763	669,215
140	24M	475092,861	9160239,477	669,696
141	24M	475127,678	9160242,803	668,734
142	24M	475153,574	9160244,781	668,254
143	24M	475157,991	9160268,440	668,734
144	24M	475187,011	9160289,564	668,254
145	24M	475234,269	9160302,320	666,331
146	24M	475283,689	9160315,846	664,408
147	24M	475305,292	9160324,225	663,928
148	24M	475340,116	9160333,157	662,966
149	24M	475375,991	9160349,290	663,447
150	24M	475376,010	9160383,436	664,408
151	24M	475370,576	9160415,142	667,773
152	24M	475362,263	9160451,795	671,138
153	24M	475352,911	9160515,134	673,541
154	24M	475346,902	9160549,675	673,541
155	24M	475330,095	9160653,226	675,463
156	24M	475324,809	9160685,117	674,502



stio Cotovelo.txt

157	24M	475322,432	9160704,223	674,983
158	24M	475319,466	9160718,260	675,944
159	24M	475311,144	9160754,866	676,906
160	24M	475309,872	9160784,314	678,347
161	24M	475322,628	9160808,199	681,712
162	24M	475325,768	9160815,846	682,193
163	24M	475336,725	9160832,002	683,154
164	24M	475334,410	9160856,436	684,116
165	24M	475321,960	9160920,468	686,999
166	24M	475318,151	9160937,155	686,999
167	24M	475333,146	9160959,096	689,403
168	24M	475368,703	9160963,377	691,325
169	24M	475416,466	9160966,496	691,806
170	24M	475473,920	9160965,080	694,209
171	24M	475476,905	9160967,361	694,690
172	24M	475492,222	9161010,735	699,016
173	24M	475494,529	9161036,867	700,939
174	24M	475497,964	9161100,045	703,823
175	24M	475497,001	9161158,061	708,148
176	24M	475496,226	9161189,760	710,552
177	24M	475502,638	9161235,928	711,513
178	24M	475507,079	9161283,530	712,955
179	24M	475515,968	9161330,997	715,358
180	24M	475515,685	9161341,115	716,320
181	24M	475513,051	9161376,260	718,723
182	24M	475506,006	9161411,663	721,607
183	24M	475510,357	9161437,407	722,568
184	24M	475514,660	9161466,384	725,933
185	24M	475515,214	9161467,626	725,933
186	24M	475513,150	9161471,026	726,413
187	24M	475516,438	9161478,089	724,491
188	24M	475514,552	9161477,828	725,933
189	24M	475513,313	9161459,499	724,491
190	24M	475507,338	9161427,991	722,568
191	24M	475514,902	9161390,930	718,723
192	24M	475520,043	9161335,474	716,800
193	24M	475515,943	9161306,691	715,358
194	24M	475509,467	9161278,787	712,955
195	24M	475503,253	9161226,393	709,110
196	24M	475497,163	9161184,238	705,745
197	24M	475499,547	9161151,279	701,900
198	24M	475501,497	9161098,213	697,093
199	24M	475500,348	9161048,517	694,690
200	24M	475497,096	9161007,207	692,287
201	24M	475496,373	9160993,668	693,248
202	24M	475482,789	9160960,563	689,883
203	24M	475448,820	9160961,203	688,922
204	24M	475385,160	9160964,775	688,441
205	24M	475364,867	9160961,966	688,441
206	24M	475319,280	9160953,121	688,441
207	24M	475321,626	9160921,960	687,961
208	24M	475329,657	9160876,652	686,038



P.M.J.W.L  
 FLS 194  
 47

Sítio Cotovelo.txt

209	24M	475337,194	9160837,451	681,231
210	24M	475327,153	9160818,487	680,751
211	24M	475308,086	9160786,731	678,828
212	24M	475311,241	9160747,880	676,906
213	24M	475317,383	9160723,679	675,463
214	24M	475323,128	9160699,442	675,944
215	24M	475323,363	9160692,057	675,463
216	24M	475324,334	9160692,308	674,022
217	24M	475325,223	9160687,768	673,541
218	24M	475333,271	9160644,693	672,580
219	24M	475346,109	9160563,148	672,099
220	24M	475356,301	9160504,025	670,657
221	24M	475366,006	9160438,110	668,734
222	24M	475376,069	9160395,343	664,889
223	24M	475380,272	9160348,940	661,044
224	24M	475362,100	9160338,487	660,563
225	24M	475336,539	9160331,145	661,524
226	24M	475266,633	9160311,631	663,447
227	24M	475225,957	9160302,010	665,370
228	24M	475195,237	9160295,202	667,292
229	24M	475159,001	9160281,423	667,773
230	24M	475156,177	9160272,192	667,292
231	24M	475157,950	9160223,425	665,370
232	24M	475160,691	9160179,245	662,966
233	24M	475163,831	9160132,916	659,121
234	24M	475165,579	9160095,879	657,679
235	24M	475167,450	9160071,621	656,718
236	24M	475167,826	9160059,844	657,199
237	24M	475171,583	9160017,092	654,795
238	24M	475170,488	9159990,460	654,315
239	24M	475154,535	9159979,193	654,315
240	24M	475139,159	9159980,232	656,718
241	24M	475110,627	9159980,996	662,486
242	24M	475050,461	9159988,720	659,121
243	24M	475012,736	9159994,029	657,199
244	24M	474990,070	9159986,029	656,718
245	24M	474964,991	9159924,980	655,276
246	24M	474947,456	9159881,151	657,199
247	24M	474932,461	9159844,893	658,160
248	24M	474912,158	9159790,119	656,237
249	24M	474895,657	9159750,581	656,718
250	24M	474870,405	9159684,509	654,795
251	24M	474851,595	9159640,002	651,911
252	24M	474828,734	9159580,761	650,469
253	24M	474806,565	9159525,309	649,027
254	24M	474784,570	9159471,535	648,066
255	24M	474766,834	9159426,353	648,066
256	24M	474740,544	9159363,894	645,182
257	24M	474720,693	9159313,549	643,259
258	24M	474691,436	9159234,780	642,779
259	24M	474683,379	9159225,621	644,221
260	24M	474684,138	9159222,693	643,740



Sítio Cotovelo.txt

261	24M	474684,193	9159224,138	642,298
262	24M	474682,557	9159222,516	641,337
263	24M	474673,720	9159202,200	641,337
264	24M	474648,141	9159144,958	637,972
265	24M	474648,357	9159137,406	638,934
266	24M	474649,919	9159139,714	635,569
267	24M	474650,731	9159141,799	636,050
268	24M	474643,594	9159123,977	634,607
269	24M	474625,958	9159079,656	632,204
270	24M	474604,115	9159019,989	628,840
271	24M	474604,955	9159005,182	627,878
272	24M	474603,178	9158974,259	626,436
273	24M	474599,221	9158939,787	624,994
274	24M	474591,692	9158876,884	623,072
275	24M	474583,233	9158857,893	622,110
276	24M	474547,925	9158822,736	620,669
277	24M	474501,418	9158791,734	619,226
278	24M	474486,365	9158777,114	618,746
279	24M	474478,745	9158763,664	618,746
280	24M	474408,893	9158648,818	620,669
281	24M	474395,308	9158603,119	622,591
282	24M	474369,403	9158534,276	620,188
283	24M	474371,195	9158519,432	620,669
284	24M	474419,589	9158495,987	620,188
285	24M	474550,748	9158417,813	619,226
286	24M	474580,707	9158409,786	618,746
287	24M	474765,873	9158374,830	617,784
288	24M	474927,469	9158364,583	618,746
289	24M	474938,212	9158364,163	618,746
290	24M	474967,472	9158313,723	619,707
291	24M	474942,132	9158117,479	619,707
292	24M	474940,937	9158105,266	619,707
293	24M	474970,451	9158046,617	619,226
294	24M	475065,164	9158001,809	615,862
295	24M	475109,649	9157972,393	615,381
296	24M	475228,010	9157931,970	617,304
297	24M	475301,403	9157924,308	618,746
298	24M	475403,979	9157905,171	614,420
299	24M	475432,705	9157904,176	614,420
300	24M	475445,634	9157914,107	614,420
301	24M	475483,433	9157958,734	615,862
302	24M	475485,188	9157961,357	616,342
303	24M	475483,492	9158007,029	620,188
304	24M	475463,594	9158045,613	620,669
305	24M	475454,521	9158088,807	619,226
306	24M	475469,393	9158149,527	618,746
307	24M	475471,923	9158209,185	621,149
308	24M	475464,283	9158252,713	624,994
309	24M	475485,439	9158318,570	628,359
310	24M	475520,065	9158369,923	629,801
311	24M	475555,596	9158403,661	631,243
312	24M	475615,045	9158435,660	634,127



Sítio Cotovelo.txt

313	24M	475747,070	9158505,483	637,492
314	24M	475813,745	9158548,169	637,011
315	24M	475873,301	9158625,285	632,204
316	24M	475906,063	9158688,247	628,840
317	24M	475906,320	9158710,885	626,917
318	24M	475913,947	9158747,194	623,553
319	24M	475977,132	9158781,427	622,110
320	24M	476041,170	9158771,581	621,149
321	24M	476055,095	9158770,514	621,149
322	24M	476274,342	9158748,653	616,342
323	24M	476389,323	9158738,109	610,575
324	24M	476548,390	9158719,368	604,326
325	24M	476662,936	9158709,445	603,845
326	24M	476700,522	9158722,121	603,845
327	24M	476739,752	9158756,860	604,807
328	24M	476843,278	9158821,802	608,652
329	24M	476948,688	9158835,511	610,094
330	24M	477186,990	9158871,514	610,094
331	24M	477238,375	9158892,211	610,094
332	24M	477332,154	9158945,147	612,017
333	24M	477388,605	9158967,645	613,459
334	24M	477402,632	9159004,698	614,900
335	24M	477409,362	9159044,907	616,342
336	24M	477415,660	9159099,905	619,707
337	24M	477435,714	9159156,948	622,591
338	24M	477478,298	9159216,624	624,033
339	24M	477482,651	9159239,161	624,514
340	24M	477517,756	9159397,575	631,243
341	24M	477553,807	9159528,857	637,011
342	24M	477581,992	9159697,246	638,934
343	24M	477592,936	9159721,927	638,934
344	24M	477658,481	9159874,758	632,685
345	24M	477685,747	9159912,095	634,127
346	24M	477696,068	9159926,629	635,569
347	24M	477711,814	9159943,955	637,011
348	24M	477813,442	9160003,686	640,856
349	24M	477848,280	9160043,778	643,259
350	24M	477844,686	9160098,188	645,663
351	24M	477833,374	9160346,387	655,757
352	24M	477801,444	9160536,218	663,447
353	24M	477799,711	9160704,260	672,099
354	24M	477811,373	9160836,985	680,751
355	24M	477827,925	9160971,047	690,364
356	24M	477822,808	9161061,066	694,209
357	24M	477828,405	9161072,800	695,170
358	24M	477841,538	9161084,435	695,651
359	24M	477864,260	9161093,934	692,287

P. 131  
FLS 137  
4

Sítio Cotovelo DIFERENÇA.txt

1	24M	472771,645	9158790,204	663,447
2	24M	472771,618	9158789,343	661,044
3	24M	472805,961	9158780,402	660,563
4	24M	472934,948	9158691,806	659,602
5	24M	473008,046	9158636,056	661,524
6	24M	473012,744	9158632,584	661,524
7	24M	473058,492	9158630,793	660,082
8	24M	473068,391	9158634,496	658,640
9	24M	473175,235	9158693,508	649,989
10	24M	473283,016	9158713,176	645,663
11	24M	473347,358	9158725,443	642,298
12	24M	473509,863	9158743,946	634,127
13	24M	473631,470	9158724,461	629,320
14	24M	473797,146	9158677,489	628,359
15	24M	473981,451	9158647,716	632,685
16	24M	474118,241	9158638,941	631,723
17	24M	474200,304	9158620,203	628,359
18	24M	474320,257	9158546,434	627,398
19	24M	474362,382	9158523,986	628,359
20	24M	474369,937	9158538,103	628,840
21	24M	474400,094	9158627,093	624,514
22	24M	474416,127	9158658,718	624,994
23	24M	474449,299	9158710,692	624,033
24	24M	474491,533	9158778,052	623,072
25	24M	474512,371	9158796,966	623,553
26	24M	474568,154	9158839,028	624,514
27	24M	474574,493	9158846,898	624,994
28	24M	474588,294	9158867,310	626,436
29	24M	474596,025	9158933,623	627,398
30	24M	474600,580	9158974,666	630,282
31	24M	474601,395	9159023,786	633,165
32	24M	474626,511	9159083,354	635,569
33	24M	474648,228	9159138,027	638,453
34	24M	474671,754	9159196,852	643,740
35	24M	474681,994	9159221,858	644,701
36	24M	474697,166	9159256,132	645,663
37	24M	474729,693	9159341,964	648,066
38	24M	474750,800	9159394,959	650,950
39	24M	474766,702	9159430,596	651,430
40	24M	474792,620	9159495,650	651,911
41	24M	474820,623	9159568,423	652,873
42	24M	474843,237	9159622,883	653,834
43	24M	474854,707	9159646,490	654,795
44	24M	474874,808	9159697,623	656,718
45	24M	474890,946	9159742,702	659,121
46	24M	474910,281	9159791,397	659,602
47	24M	474919,773	9159814,938	660,082
48	24M	474940,973	9159867,405	660,563
49	24M	474967,373	9159931,338	658,640
50	24M	474989,914	9159984,936	658,640
51	24M	474990,797	9159992,915	658,640
52	24M	474952,063	9159999,649	655,276



Sítio Cotovelo DIFERENÇA.txt

53	24M	474863,474	9160012,946	652,873
54	24M	474836,187	9160017,593	651,911
55	24M	474781,660	9160028,026	651,430
56	24M	474764,638	9160030,250	651,430
57	24M	474759,561	9160031,480	651,430
58	24M	474729,418	9160035,958	651,430
59	24M	474700,393	9160040,928	650,950
60	24M	474635,178	9160050,724	651,430
61	24M	474594,421	9160055,781	653,834
62	24M	474583,890	9160056,081	655,276
63	24M	474577,330	9160048,025	656,237
64	24M	474584,597	9160046,732	656,237
65	24M	474588,555	9160046,252	651,911
66	24M	474585,107	9160045,092	649,027
67	24M	474580,545	9160051,956	649,508
68	24M	474595,501	9160058,265	649,989
69	24M	474607,901	9160055,399	649,508
70	24M	474680,938	9160045,124	648,066
71	24M	474725,469	9160038,059	649,989
72	24M	474739,153	9160036,676	649,989
73	24M	474778,201	9160031,026	650,469
74	24M	474812,634	9160025,401	650,950
75	24M	474907,151	9160010,532	653,834
76	24M	474963,859	9160002,936	655,276
77	24M	474998,598	9159996,940	658,640
78	24M	475023,099	9159996,406	660,082
79	24M	475098,216	9159986,762	663,447
80	24M	475109,346	9159990,762	663,928
81	24M	475109,260	9159995,599	663,928
82	24M	475107,947	9160032,153	666,812
83	24M	475105,873	9160071,867	668,254
84	24M	475104,197	9160096,301	669,696
85	24M	475104,598	9160124,091	669,696
86	24M	475103,485	9160184,710	671,138
87	24M	475100,371	9160234,839	674,022
88	24M	475085,814	9160242,309	674,022
89	24M	475014,470	9160267,328	670,176
90	24M	474977,597	9160287,574	669,696
91	24M	474938,790	9160310,960	667,773
92	24M	474905,419	9160333,858	667,292
93	24M	474888,042	9160342,466	665,850
94	24M	474853,311	9160350,565	663,928
95	24M	474821,585	9160357,924	660,563
96	24M	474776,802	9160368,371	656,237
97	24M	474727,239	9160380,428	653,834
98	24M	474685,055	9160389,505	652,392
99	24M	474646,422	9160398,019	652,392
100	24M	474611,774	9160404,580	651,430
101	24M	474562,860	9160412,810	649,508
102	24M	474533,280	9160418,521	647,585
103	24M	474457,881	9160435,290	645,663
104	24M	474407,811	9160443,158	647,585





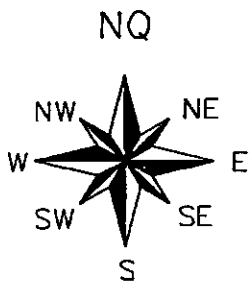
Sítio Cotovelo DIFERENÇA.txt

105	24M	474404,317	9160442,405	648,066
106	24M	474361,384	9160433,792	648,066
107	24M	474341,447	9160440,073	649,027
108	24M	474335,780	9160455,804	649,027
109	24M	474280,605	9160449,650	647,585
110	24M	474247,305	9160443,146	646,624
111	24M	474191,328	9160432,923	646,624
112	24M	474174,898	9160432,571	647,105
113	24M	474174,040	9160430,013	644,221
114	24M	474175,504	9160424,148	643,740
115	24M	474176,289	9160424,371	643,259
116	24M	474179,281	9160431,369	642,779
117	24M	474200,008	9160435,234	642,298
118	24M	474246,630	9160443,831	642,779
119	24M	474286,142	9160451,710	644,701
120	24M	474329,353	9160458,386	647,105
121	24M	474342,522	9160435,209	645,663
122	24M	474367,096	9160437,196	643,259
123	24M	474407,220	9160442,157	642,779
124	24M	474463,290	9160434,384	644,701
125	24M	474496,200	9160427,156	645,182
126	24M	474554,010	9160415,594	647,105
127	24M	474592,800	9160408,054	649,508
128	24M	474640,781	9160398,989	649,989
129	24M	474684,417	9160389,626	651,911
130	24M	474716,457	9160381,822	653,353
131	24M	474786,854	9160364,800	656,237
132	24M	474827,023	9160355,314	661,044
133	24M	474865,295	9160347,402	664,408
134	24M	474898,770	9160337,384	666,331
135	24M	474906,011	9160332,792	665,850
136	24M	474933,648	9160313,839	665,850
137	24M	474971,558	9160290,953	667,292
138	24M	474998,888	9160272,944	668,254
139	24M	475052,866	9160252,763	669,215
140	24M	475092,861	9160239,477	669,696
141	24M	475127,678	9160242,803	668,734
142	24M	475153,574	9160244,781	668,254
143	24M	475157,991	9160268,440	668,734
144	24M	475187,011	9160289,564	668,254
145	24M	475234,269	9160302,320	666,331
146	24M	475283,689	9160315,846	664,408
147	24M	475305,292	9160324,225	663,928
148	24M	475340,116	9160333,157	662,966
149	24M	475375,991	9160349,290	663,447
150	24M	475376,010	9160383,436	664,408
151	24M	475370,576	9160415,142	667,773
152	24M	475362,263	9160451,795	671,138
153	24M	475352,911	9160515,134	673,541
154	24M	475346,902	9160549,675	673,541
155	24M	475330,095	9160653,226	675,463
156	24M	475324,809	9160685,117	674,502

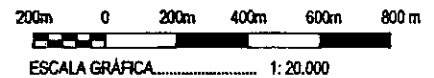
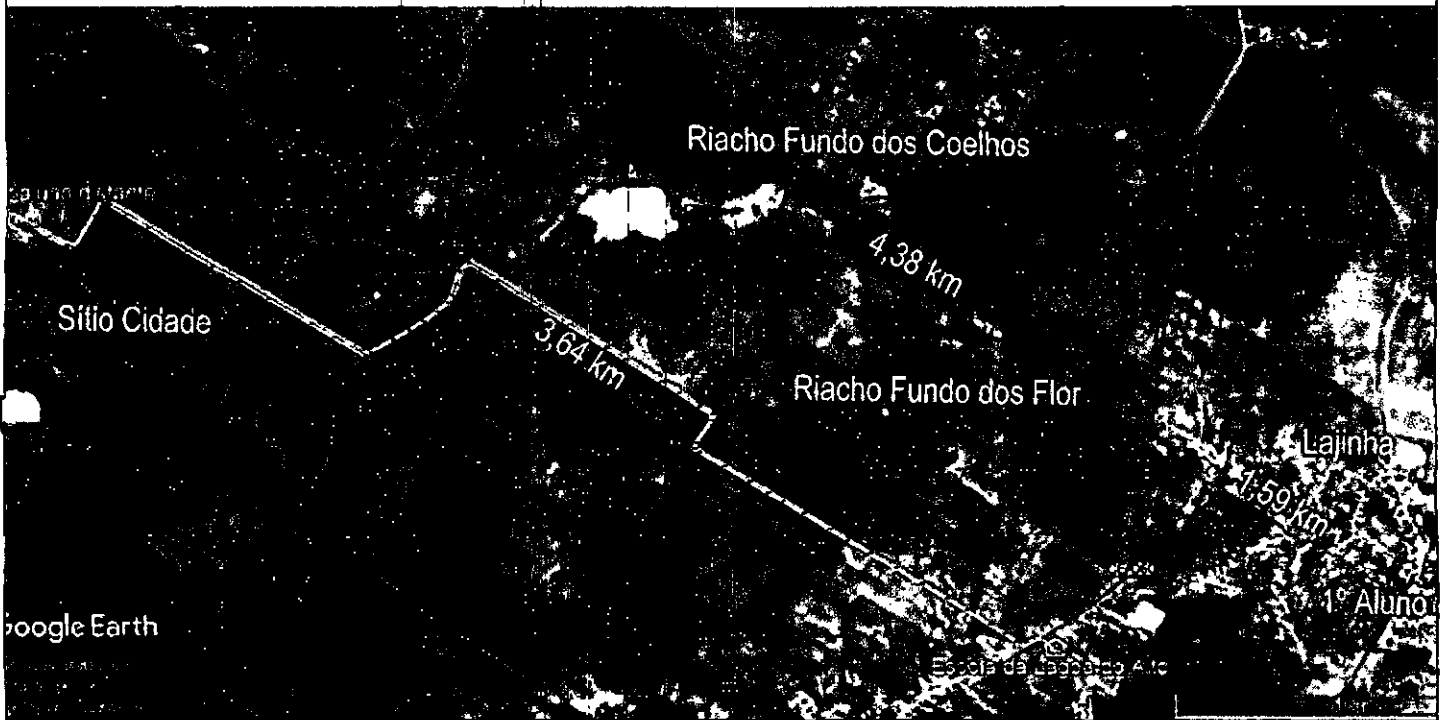
P. 101  
FLS 200  
77

Sítio Totovelo DIFERENÇA.txt

157	24M	475322,432	9160704,223	674,983
158	24M	475319,466	9160718,260	675,944
159	24M	475311,144	9160754,866	676,906
160	24M	475309,872	9160784,314	678,347
161	24M	475322,628	9160808,199	681,712
162	24M	475325,768	9160815,846	682,193
163	24M	475336,725	9160832,002	683,154
164	24M	475334,410	9160856,436	684,116
165	24M	475321,960	9160920,468	686,999
166	24M	475318,151	9160937,155	686,999
167	24M	475333,146	9160959,096	689,403
168	24M	475368,703	9160963,377	691,325
169	24M	475416,466	9160966,496	691,806
170	24M	475473,920	9160965,080	694,209
171	24M	475476,905	9160967,361	694,690
172	24M	475492,222	9161010,735	699,016
173	24M	475494,529	9161036,867	700,939
174	24M	475497,964	9161100,045	703,823
175	24M	475497,001	9161158,061	708,148
176	24M	475496,226	9161189,760	710,552
177	24M	475502,638	9161235,928	711,513
178	24M	475507,079	9161283,530	712,955
179	24M	475515,968	9161330,997	715,358
180	24M	475515,685	9161341,115	716,320
181	24M	475513,051	9161376,260	718,723
182	24M	475506,006	9161411,663	721,607
183	24M	475510,357	9161437,407	722,568
184	24M	475514,660	9161466,384	725,933
185	24M	475515,214	9161467,626	725,933
186	24M	475513,150	9161471,026	726,413
187	24M	475516,438	9161478,089	724,491



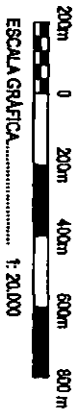
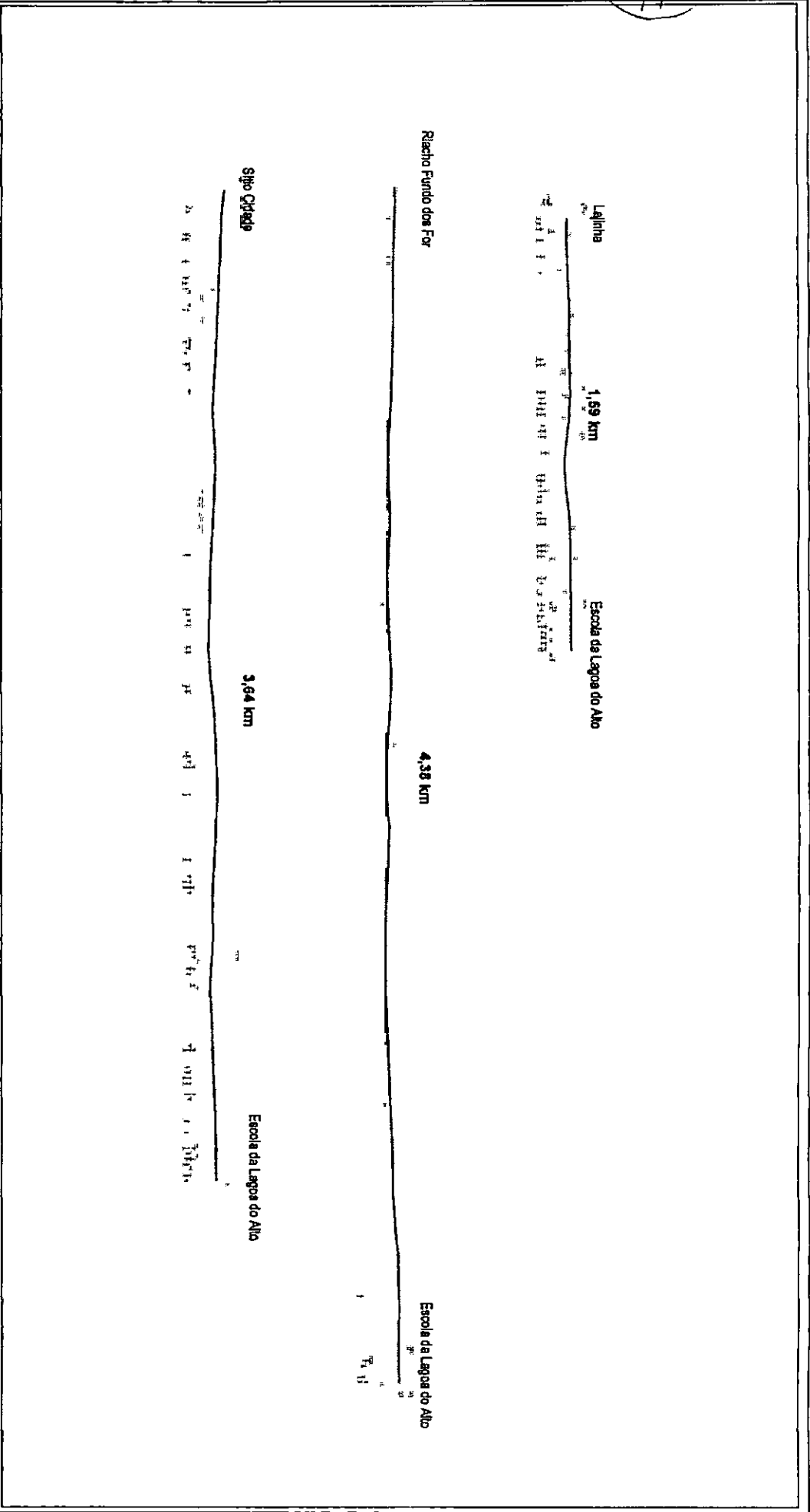
PLS 207  
47




**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevilandalencar@gmail.com	LEVANTAMENTO:	 <b>CLEVLAND ALENCAR DE OLIVEIRA</b> <small>TEC. CONS. CIVIL TOPO. ESTRADAS          CREA: RNP 060784563-5</small>	
	<b>LOCAL:</b> SÍTIO LAGOA DO ALTO (rota 22) - JARDIM - CE <b>PROPRIETÁRIO:</b> PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)	<b>PRANCHA:</b> <b>1 / 2</b>	
<b>CONTEÚDO:</b> PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO LAGOA DO ALTO			
<b>PERCURSO UNITÁRIO : 9,62 km</b>		<b>DATA:</b> ABRIL / 2018	<b>ESCALA:</b> 1 : 20.000

FLS 202  
47



<b>LEVANTAMENTO PLANIMÉTRICO</b>			
<b>TOPOGEO</b> TOPOGRAFIA E GEODESIA LTDA. (88) 99688-8559/99652-4881 clevilandalencar@gmail.com		 <b>CLEVLAND ALENCAR DE OLIVEIRA</b> TEC. COM. CIVIL, TOPO. ESTRADAS CREA: RNP 060784593-5	
<b>LEVANTAMENTO:</b>		<b>LOCAL:</b> SÍTIO LAGOA DO ALTO (rota 22) - JARDIM - CE	
<b>CONTEÚDO:</b> PERFS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO LAGOA DO ALTO		<b>PROPRIETÁRIO:</b> PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)	
<b>PERCURSO UNITÁRIO:</b> 9,62 km		<b>PRANCHA:</b> 212	
<b>DATA:</b> ABRIL / 2018		<b>ESCALA:</b> 1 : 20.000	

F.L.S 203  
4

Sítio Lagoa do Alto1.txt

1	LAJINHA	471839,621	9156168,151	665,838
2	LAJINHA	471831,179	9156155,117	665,407
3	LAJINHA	471819,758	9156136,711	664,778
4	LAJINHA	471809,841	9156117,701	663,634
5	LAJINHA	471803,850	9156112,799	663,400
6	LAJINHA	471794,817	9156112,488	663,592
7	LAJINHA	471777,664	9156121,593	664,756
8	LAJINHA	471740,457	9156142,270	666,781
9	LAJINHA	471690,805	9156171,199	669,239
10	LAJINHA	471660,112	9156189,893	670,266
11	LAJINHA	471629,661	9156209,229	671,196
12	LAJINHA	471607,611	9156223,317	671,787
13	LAJINHA	471573,337	9156239,374	672,260
14	LAJINHA	471542,653	9156257,330	672,807
15	LAJINHA	471519,697	9156263,659	673,081
16	LAJINHA	471494,428	9156271,190	673,515
17	LAJINHA	471480,877	9156276,575	673,838
18	LAJINHA	471470,191	9156287,151	674,299
19	LAJINHA	471458,491	9156304,804	675,001
20	LAJINHA	471427,675	9156325,401	675,764
21	LAJINHA	471375,904	9156355,904	676,250
22	LAJINHA	471350,653	9156371,265	676,687
23	LAJINHA	471328,399	9156383,090	677,167
24	LAJINHA	471304,958	9156397,378	676,517
25	LAJINHA	471284,626	9156407,946	675,475
26	LAJINHA	471257,524	9156422,796	673,723
27	LAJINHA	471240,055	9156433,090	672,516
28	LAJINHA	471212,207	9156448,974	669,713
29	LAJINHA	471183,878	9156463,954	666,393
30	LAJINHA	471155,128	9156483,190	662,710
31	LAJINHA	471134,605	9156496,491	660,176
32	LAJINHA	471095,164	9156518,510	656,992
33	LAJINHA	471088,378	9156519,293	656,518
34	LAJINHA	471084,303	9156490,593	657,387
35	LAJINHA	471080,459	9156464,800	658,906
36	LAJINHA	471070,775	9156399,473	663,691
37	LAJINHA	471061,731	9156336,350	671,019
38	LAJINHA	471055,125	9156293,842	673,917
39	LAJINHA	471046,539	9156243,174	676,120
40	LAJINHA	471043,152	9156222,492	676,760
41	LAJINHA	471036,234	9156198,214	677,055
42	LAJINHA	471029,823	9156183,482	677,211
43	LAJINHA	471009,406	9156151,208	677,813
44	LAJINHA	470939,527	9156090,483	677,422
45	LAJINHA	470886,178	9156049,975	676,597
46	LAJINHA	470851,236	9156028,427	676,147
47	LAJINHA	470804,429	9156000,026	676,546
48	LAJINHA	470792,072	9155993,167	676,905
49	LAJINHA	470821,868	9155961,789	679,743
17	RFCOELHOS	470702,020	9156342,885	666,078
18	RFCOELHOS	470679,067	9156357,766	668,151
19	RFCOELHOS	470674,286	9156363,654	667,707

FLS 204  
4

Sítio Lagoa do Alto1.txt

20	RFCOELHOS	470673,853	9156375,770	667,448
21	RFCOELHOS	470686,200	9156426,877	665,870
22	RFCOELHOS	470695,851	9156459,967	664,140
23	RFCOELHOS	470696,257	9156481,476	663,618
24	RFCOELHOS	470694,880	9156508,992	663,049
25	RFCOELHOS	470690,252	9156551,789	662,061
26	RFCOELHOS	470685,651	9156593,311	660,973
27	RFCOELHOS	470680,816	9156631,174	660,959
28	RFCOELHOS	470680,760	9156676,067	660,946
29	RFCOELHOS	470677,465	9156724,219	660,895
30	RFCOELHOS	470676,826	9156752,711	660,861
31	RFCOELHOS	470676,361	9156776,284	660,837
32	RFCOELHOS	470673,019	9156815,134	660,018
33	RFCOELHOS	470666,397	9156826,480	659,588
34	RFCOELHOS	470638,210	9156842,160	658,624
35	RFCOELHOS	470577,958	9156874,512	657,362
36	RFCOELHOS	470512,560	9156906,002	655,251
37	RFCOELHOS	470442,294	9156941,249	651,603
38	RFCOELHOS	470403,974	9156962,011	648,816
39	RFCOELHOS	470357,623	9156984,130	646,008
40	RFCOELHOS	470311,932	9157004,209	640,919
41	RFCOELHOS	470264,065	9157029,862	640,824
42	RFCOELHOS	470223,334	9157053,194	640,218
43	RFCOELHOS	470178,149	9157074,575	641,810
44	RFCOELHOS	470127,948	9157101,268	643,072
45	RFCOELHOS	470092,600	9157119,082	644,340
46	RFCOELHOS	470059,816	9157135,772	645,381
47	RFCOELHOS	470042,193	9157143,791	645,937
48	RFCOELHOS	470036,875	9157154,048	645,883
49	RFCOELHOS	470051,069	9157189,683	644,577
50	RFCOELHOS	470073,341	9157246,953	641,976
51	RFCOELHOS	470087,878	9157280,738	640,342
52	RFCOELHOS	470101,229	9157313,930	639,438
53	RFCOELHOS	470113,894	9157344,858	639,167
54	RFCOELHOS	470131,939	9157384,165	639,000
55	RFCOELHOS	470148,039	9157425,272	639,000
56	RFCOELHOS	470165,742	9157470,548	640,462
57	RFCOELHOS	470184,248	9157508,182	641,687
58	RFCOELHOS	470201,960	9157547,433	643,809
59	RFCOELHOS	470210,257	9157570,161	645,299
60	RFCOELHOS	470217,705	9157585,251	646,368
61	RFCOELHOS	470231,975	9157612,661	648,395
62	RFCOELHOS	470244,883	9157641,072	649,909
63	RFCOELHOS	470256,464	9157656,593	650,835
64	RFCOELHOS	470274,700	9157646,278	650,783
65	RFCOELHOS	470314,670	9157625,221	650,497
66	RFCOELHOS	470354,713	9157601,917	647,054
67	RFCOELHOS	470387,957	9157584,892	644,325
68	RFCOELHOS	470417,571	9157570,059	642,269
69	RFCOELHOS	470438,982	9157558,523	640,861
70	RFCOELHOS	470455,891	9157549,859	639,811
71	RFCOELHOS	470485,297	9157532,885	637,984

FLS 205  
47

Sítio Lagoa do Alto1.txt

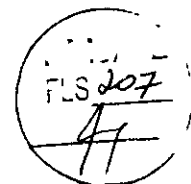
72	RFCOELHOS	470505,476	9157524,242	637,143
73	RFCOELHOS	470540,309	9157504,164	636,208
74	RFCOELHOS	470573,149	9157486,165	635,459
75	RFCOELHOS	470605,359	9157471,004	634,784
76	RFCOELHOS	470632,663	9157451,876	634,284
77	RFCOELHOS	470656,538	9157441,404	634,082
78	RFCOELHOS	470678,089	9157429,380	634,001
79	RFCOELHOS	470698,199	9157417,472	636,481
80	RFCOELHOS	470709,465	9157413,515	637,879
81	RFCOELHOS	470730,610	9157407,797	640,350
82	RFCOELHOS	470747,697	9157404,651	642,148
83	RFCOELHOS	470763,613	9157406,521	642,519
84	RFCOELHOS	470791,836	9157410,256	641,905
85	RFCOELHOS	470814,504	9157413,196	641,181
86	RFCOELHOS	470842,568	9157416,031	640,574
87	RFCOELHOS	470878,909	9157416,395	640,389
88	RFCOELHOS	470909,255	9157417,090	639,803
89	RFCOELHOS	470930,228	9157418,728	639,240
90	RFCOELHOS	470955,252	9157424,583	638,166
91	RFCOELHOS	470980,515	9157427,020	636,249
92	RFCOELHOS	471004,072	9157430,348	634,540
93	RFCOELHOS	471021,577	9157433,182	633,338
94	RFCOELHOS	471038,393	9157427,310	632,505
95	RFCOELHOS	471055,953	9157421,428	631,923
96	RFCOELHOS	471070,947	9157420,668	631,411
97	RFCOELHOS	471097,915	9157415,136	630,525
98	RFCOELHOS	471125,195	9157406,114	629,408
99	RFCOELHOS	471155,134	9157394,038	628,894
100	RFCOELHOS	471180,833	9157389,755	629,246
101	RFCOELHOS	471220,301	9157386,921	629,842
102	RFCOELHOS	471226,287	9157385,820	629,934
103	RFCOELHOS	471213,265	9157304,441	630,209
104	RFCOELHOS	471195,057	9157196,661	632,619
105	RFCOELHOS	471176,542	9157082,195	637,318
106	RFCOELHOS	471153,647	9156961,534	641,837
107	RFCOELHOS	471136,619	9156843,826	646,453
108	RFCOELHOS	471124,024	9156745,547	651,132
109	RFCOELHOS	471102,798	9156589,412	656,910
110	RFCOELHOS	471091,004	9156518,855	656,703
111	RFCOELHOS	471080,421	9156438,837	660,672
112	RFCOELHOS	471059,415	9156308,060	673,439
113	RFCOELHOS	471048,795	9156229,658	677,003
114	RFCOELHOS	471037,210	9156186,916	677,599
115	RFCOELHOS	471013,622	9156149,411	678,111
116	RFCOELHOS	470968,303	9156113,235	678,317
117	RFCOELHOS	470920,885	9156074,911	676,778
118	RFCOELHOS	470884,248	9156049,823	676,498
119	RFCOELHOS	470841,251	9156021,519	676,125
120	RFCOELHOS	470807,457	9156000,690	676,561
121	RFCOELHOS	470792,340	9155991,385	677,077
122	RFCOELHOS	470822,028	9155963,132	679,644
CID001	24M	467955,023	9157142,921	707,912



Sítio Lagoa do Alto1.txt

CID002	24M	467995,049	9157118,124	702,378
CID003	24M	468047,424	9157091,350	697,624
CID004	24M	468054,806	9157084,948	696,792
CID005	24M	468077,170	9157091,890	696,901
CID006	24M	468122,943	9157173,595	695,472
CID007	24M	468138,398	9157203,228	693,163
CID008	24M	468145,730	9157210,621	692,370
CID009	24M	468164,547	9157205,029	691,176
CID010	24M	468214,097	9157176,628	688,232
CID011	24M	468276,630	9157141,640	684,820
CID012	24M	468385,126	9157076,983	680,130
CID013	24M	468458,638	9157035,225	676,814
CID014	24M	468532,591	9156992,200	670,401
CID015	24M	468612,474	9156943,822	665,470
CID016	24M	468732,275	9156875,162	675,623
CID017	24M	468797,500	9156835,541	677,371
CID018	24M	468884,966	9156784,759	670,545
CID019	24M	468899,438	9156793,528	669,950
CID020	24M	468963,090	9156828,679	666,574
CID021	24M	469005,292	9156854,824	663,959
CID022	24M	469046,093	9156879,911	661,972
CID023	24M	469084,759	9156907,383	660,005
CID024	24M	469111,625	9156931,755	658,348
CID025	24M	469125,737	9156951,565	657,566
CID026	24M	469136,000	9156984,138	656,390
CID027	24M	469148,502	9157020,930	654,583
CID028	24M	469174,442	9157043,605	653,126
CID029	24M	469207,195	9157024,812	652,729
CID030	24M	469253,595	9156995,215	651,537
CID031	24M	469310,601	9156959,398	650,683
CID032	24M	469374,287	9156923,376	656,428
CID033	24M	469457,139	9156871,670	666,265
CID034	24M	469514,881	9156835,685	670,594
CID035	24M	469559,540	9156807,617	673,711
CID036	24M	469612,808	9156773,951	677,349
CID037	24M	469714,969	9156710,530	682,567
CID038	24M	469766,145	9156680,213	683,390
CID039	24M	469820,953	9156640,972	679,300
CID040	24M	469856,173	9156619,485	676,770
CID041	24M	469858,512	9156601,603	675,828
CID042	24M	469812,364	9156538,330	673,524
CID043	24M	469808,860	9156522,411	672,612
CID044	24M	469821,115	9156512,510	671,007
CID045	24M	469890,900	9156472,883	667,110
CID046	24M	469962,828	9156429,088	664,053
CID047	24M	470014,758	9156396,982	665,514
CID048	24M	470058,165	9156373,699	666,073
CID049	24M	470114,894	9156339,847	664,344
CID050	24M	470187,992	9156295,309	657,766
CID051	24M	470238,840	9156262,620	655,611
CID052	24M	470302,457	9156227,063	660,417
CID053	24M	470372,329	9156187,342	662,837



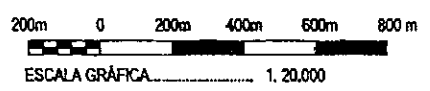
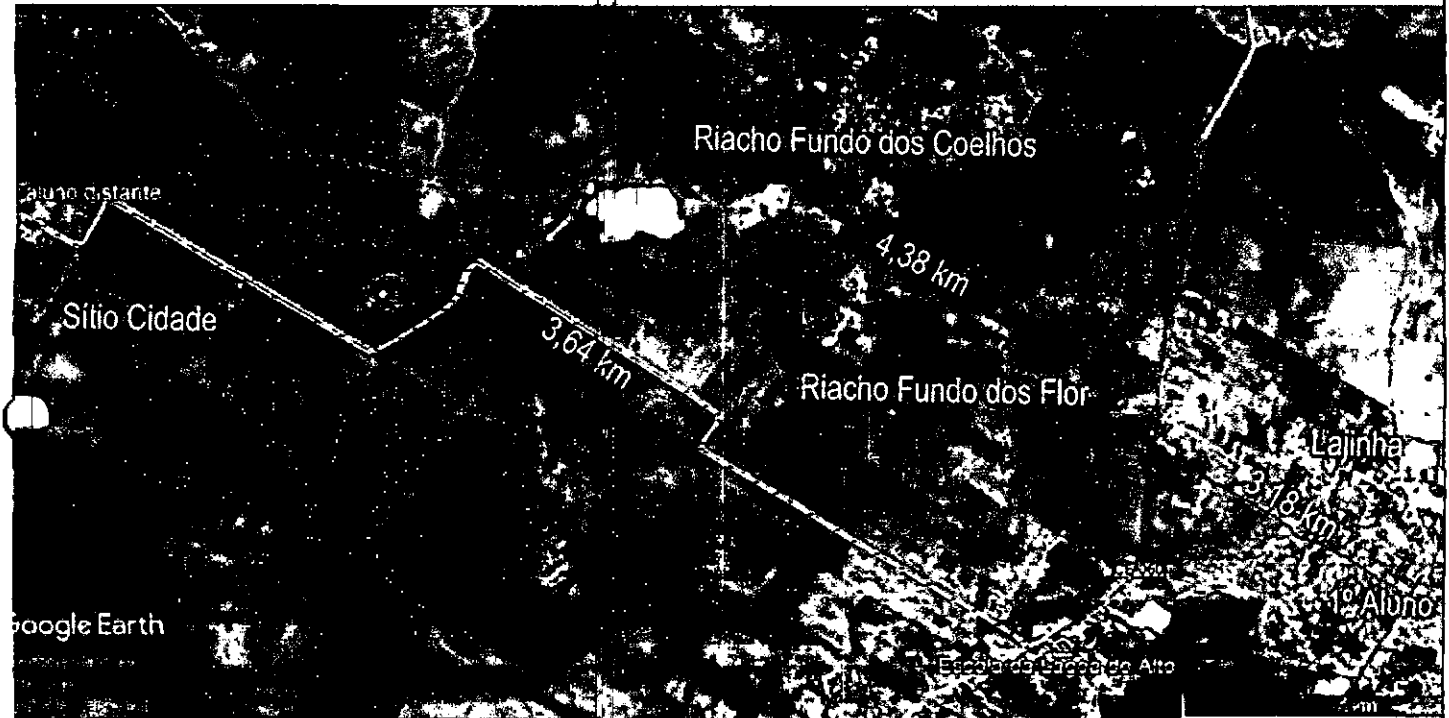
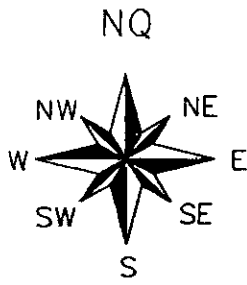


Sítio Lagoa do Alto1.txt

CID054	24M	470448,177	9156142,250	666,916
CID055	24M	470518,066	9156100,730	668,775
CID056	24M	470574,472	9156068,035	671,468
CID057	24M	470639,957	9156028,617	673,256
CID058	24M	470681,032	9156002,915	674,145
CID059	24M	470713,387	9155981,686	676,484
CID060	24M	470722,952	9155964,033	678,306
CID061	24M	470789,384	9155990,971	677,066
CID062	24M	470822,496	9155960,959	679,801


A handwritten signature or initials located to the right of the last row of the table.

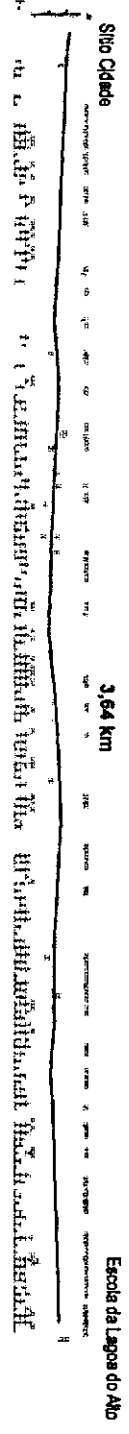
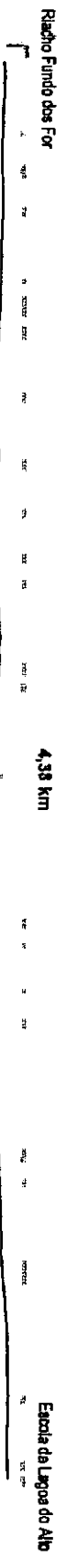
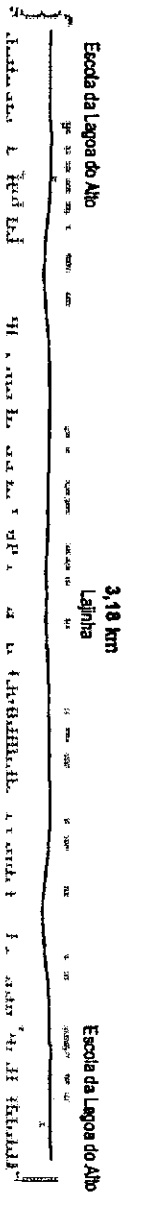
FLS 208  
4



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
23		1	Sítio Lajinha/Sítio Lagoa do Alto/Sítio Riacho Fundo dos Flor/Sítio Riacho Fundo dos Coelho/Sítio Cidade/EEF Santo Antônio(Lagoa do Alto)	UTM Z-24M E(X)471839,68; N(Y) 9156169,14 e UTM Z-24M E(X)467954,00; N(Y) 9157148,27	UTM Z-24M E(X)70817,60; N(Y) 9155959,72	22,41	Mista	Van	22

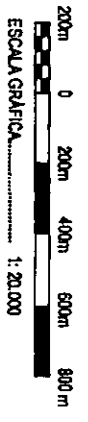
**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODESIA LTDA. (88) 99688-8559/99652-4881 clevilandalencar@gmail.com	LEVANTAMENTO:  <b>CLEVLAND ALENCAR DE OLIVEIRA</b> TEC. CONS. CIVIL TOP. ESTRADAS CREA: RNP 060784563-5
	LOCAL: <b>SÍTIO LAGOA DO ALTO (rota 23) - JARDIM - CE</b> PROPRIETÁRIO: <b>PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)</b>
CONTEÚDO: <b>PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO LAGOA DO ALTO</b>	
PERCURSO UNITÁRIO : <b>11,21 km</b>	DATA: <b>ABRIL / 2018</b>
ESCALA: <b>1 : 20.000</b>	



PERÍODO	PROVA/RELAÇÃO	COORDENADAS	COORDENADAS	QTDE KM	TIPO DE ROTAS	TIPO DE VEÍCULO	QTDE APROXIMADA
23	1	Sítio Látinha/Sítio Lagoa do Alto/Sítio Riacho Fundo dos Fior/Sítio Riacho Fundo dos Coelhos/Sítio Cidade/EEF Santo Antônio(Lagoa do Alto)	UTM 2-24M EXM471839,68; NYJ 9156169,14 e UTM 2-24M EXM467954,00; NYJ 9157148,27	UTM 2-24M EXM470817,60; 22,41	Mista	Van	22

**LEVANTAMENTO PLANIMÉTRICO**



**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTD.A.  
(88)  
99688-8559/99652-4881  
clevalandencar@gmail.com

**LEVANTAMENTO:**  
CLEVALAND/ALENCAR DE OLIVEIRA  
TEC. CONH. CIVIL, TOPO, ESTRADAS  
CREA: RNP 080784689-5

**LOCAL:** SÍTIO LAGOA DO ALTO (rota 23) - JARDIM - CE

**PROPRIETÁRIO:** PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

**PRANCHAS:** 212

**CONTEÚDO:** PERFS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO LAGOA DO ALTO

**PERCURSO UNITÁRIO :** 11,21 km

**DATA:** ABRIL / 2018

**ESCALA:** 1 : 20.000



Sítio Lagoa do Alto1.txt

1	LAJINHA	471839,621	9156168,151	665,838
2	LAJINHA	471831,179	9156155,117	665,407
3	LAJINHA	471819,758	9156136,711	664,778
4	LAJINHA	471809,841	9156117,701	663,634
5	LAJINHA	471803,850	9156112,799	663,400
6	LAJINHA	471794,817	9156112,488	663,592
7	LAJINHA	471777,664	9156121,593	664,756
8	LAJINHA	471740,457	9156142,270	666,781
9	LAJINHA	471690,805	9156171,199	669,239
10	LAJINHA	471660,112	9156189,893	670,266
11	LAJINHA	471629,661	9156209,229	671,196
12	LAJINHA	471607,611	9156223,317	671,787
13	LAJINHA	471573,337	9156239,374	672,260
14	LAJINHA	471542,653	9156257,330	672,807
15	LAJINHA	471519,697	9156263,659	673,081
16	LAJINHA	471494,428	9156271,190	673,515
17	LAJINHA	471480,877	9156276,575	673,838
18	LAJINHA	471470,191	9156287,151	674,299
19	LAJINHA	471458,491	9156304,804	675,001
20	LAJINHA	471427,675	9156325,401	675,764
21	LAJINHA	471375,904	9156355,904	676,250
22	LAJINHA	471350,653	9156371,265	676,687
23	LAJINHA	471328,399	9156383,090	677,167
24	LAJINHA	471304,958	9156397,378	676,517
25	LAJINHA	471284,626	9156407,946	675,475
26	LAJINHA	471257,524	9156422,796	673,723
27	LAJINHA	471240,055	9156433,090	672,516
28	LAJINHA	471212,207	9156448,974	669,713
29	LAJINHA	471183,878	9156463,954	666,393
30	LAJINHA	471155,128	9156483,190	662,710
31	LAJINHA	471134,605	9156496,491	660,176
32	LAJINHA	471095,164	9156518,510	656,992
33	LAJINHA	471088,378	9156519,293	656,518
34	LAJINHA	471084,303	9156490,593	657,387
35	LAJINHA	471080,459	9156464,800	658,906
36	LAJINHA	471070,775	9156399,473	663,691
37	LAJINHA	471061,731	9156336,350	671,019
38	LAJINHA	471055,125	9156293,842	673,917
39	LAJINHA	471046,539	9156243,174	676,120
40	LAJINHA	471043,152	9156222,492	676,760
41	LAJINHA	471036,234	9156198,214	677,055
42	LAJINHA	471029,823	9156183,482	677,211
43	LAJINHA	471009,406	9156151,208	677,813
44	LAJINHA	470939,527	9156090,483	677,422
45	LAJINHA	470886,178	9156049,975	676,597
46	LAJINHA	470851,236	9156028,427	676,147
47	LAJINHA	470804,429	9156000,026	676,546
48	LAJINHA	470792,072	9155993,167	676,905
49	LAJINHA	470821,868	9155961,789	679,743
17	RFCOELHOS	470702,020	9156342,885	666,078
18	RFCOELHOS	470679,067	9156357,766	668,151
19	RFCOELHOS	470674,286	9156363,654	667,707

FLS 211  
47

Sítio Lagoa do Alto1.txt

20	RFCOELHOS	470673,855	9156375,770	667,448
21	RFCOELHOS	470686,200	9156426,877	665,870
22	RFCOELHOS	470695,851	9156459,967	664,140
23	RFCOELHOS	470696,257	9156481,476	663,618
24	RFCOELHOS	470694,883	9156508,992	663,049
25	RFCOELHOS	470690,252	9156551,789	662,061
26	RFCOELHOS	470685,651	9156593,311	660,973
27	RFCOELHOS	470680,815	9156631,174	660,959
28	RFCOELHOS	470680,760	9156676,067	660,946
29	RFCOELHOS	470677,465	9156724,219	660,895
30	RFCOELHOS	470676,826	9156752,711	660,861
31	RFCOELHOS	470676,352	9156776,284	660,837
32	RFCOELHOS	470673,019	9156815,134	660,018
33	RFCOELHOS	470666,397	9156826,480	659,588
34	RFCOELHOS	470638,218	9156842,160	658,624
35	RFCOELHOS	470577,958	9156874,512	657,362
36	RFCOELHOS	470512,560	9156906,002	655,251
37	RFCOELHOS	470442,294	9156941,249	651,603
38	RFCOELHOS	470403,974	9156962,011	648,816
39	RFCOELHOS	470357,623	9156984,130	646,008
40	RFCOELHOS	470311,932	9157004,209	640,919
41	RFCOELHOS	470264,065	9157029,862	640,824
42	RFCOELHOS	470223,334	9157053,194	640,218
43	RFCOELHOS	470178,149	9157074,575	641,810
44	RFCOELHOS	470127,948	9157101,268	643,072
45	RFCOELHOS	470092,600	9157119,082	644,340
46	RFCOELHOS	470059,816	9157135,772	645,381
47	RFCOELHOS	470042,193	9157143,791	645,937
48	RFCOELHOS	470036,875	9157154,048	645,883
49	RFCOELHOS	470051,069	9157189,683	644,577
50	RFCOELHOS	470073,341	9157246,953	641,976
51	RFCOELHOS	470087,878	9157280,738	640,342
52	RFCOELHOS	470101,229	9157313,930	639,438
53	RFCOELHOS	470113,894	9157344,858	639,167
54	RFCOELHOS	470131,939	9157384,165	639,000
55	RFCOELHOS	470148,039	9157425,272	639,000
56	RFCOELHOS	470165,742	9157470,548	640,462
57	RFCOELHOS	470184,248	9157508,182	641,687
58	RFCOELHOS	470201,960	9157547,433	643,809
59	RFCOELHOS	470210,257	9157570,161	645,299
60	RFCOELHOS	470217,705	9157585,251	646,368
61	RFCOELHOS	470231,975	9157612,661	648,395
62	RFCOELHOS	470244,883	9157641,072	649,909
63	RFCOELHOS	470256,464	9157656,593	650,835
64	RFCOELHOS	470274,700	9157646,278	650,783
65	RFCOELHOS	470314,670	9157625,221	650,497
66	RFCOELHOS	470354,713	9157601,917	647,054
67	RFCOELHOS	470387,957	9157584,892	644,325
68	RFCOELHOS	470417,571	9157570,059	642,269
69	RFCOELHOS	470438,982	9157558,523	640,861
70	RFCOELHOS	470455,891	9157549,859	639,811
71	RFCOELHOS	470485,297	9157532,885	637,984

FLS 212  
47

Sítio Lagoa do Alto1.txt

72	RFCOELHOS	470505,476	9157524,242	637,143
73	RFCOELHOS	470540,309	9157504,164	636,208
74	RFCOELHOS	470573,149	9157486,165	635,459
75	RFCOELHOS	470605,359	9157471,004	634,784
76	RFCOELHOS	470632,663	9157451,876	634,284
77	RFCOELHOS	470656,538	9157441,404	634,082
78	RFCOELHOS	470678,089	9157429,380	634,001
79	RFCOELHOS	470698,199	9157417,472	636,481
80	RFCOELHOS	470709,465	9157413,515	637,879
81	RFCOELHOS	470730,610	9157407,797	640,350
82	RFCOELHOS	470747,697	9157404,651	642,148
83	RFCOELHOS	470763,613	9157406,521	642,519
84	RFCOELHOS	470791,836	9157410,256	641,905
85	RFCOELHOS	470814,504	9157413,196	641,181
86	RFCOELHOS	470842,568	9157416,031	640,574
87	RFCOELHOS	470878,909	9157416,395	640,389
88	RFCOELHOS	470909,255	9157417,090	639,803
89	RFCOELHOS	470930,228	9157418,728	639,240
90	RFCOELHOS	470955,252	9157424,583	638,166
91	RFCOELHOS	470980,515	9157427,020	636,249
92	RFCOELHOS	471004,072	9157430,348	634,540
93	RFCOELHOS	471021,577	9157433,182	633,338
94	RFCOELHOS	471038,393	9157427,310	632,505
95	RFCOELHOS	471055,953	9157421,428	631,923
96	RFCOELHOS	471070,947	9157420,668	631,411
97	RFCOELHOS	471097,915	9157415,136	630,525
98	RFCOELHOS	471125,195	9157406,114	629,408
99	RFCOELHOS	471155,134	9157394,038	628,894
100	RFCOELHOS	471180,833	9157389,755	629,246
101	RFCOELHOS	471220,301	9157386,921	629,842
102	RFCOELHOS	471226,287	9157385,820	629,934
103	RFCOELHOS	471213,265	9157304,441	630,209
104	RFCOELHOS	471195,057	9157196,661	632,619
105	RFCOELHOS	471176,542	9157082,195	637,318
106	RFCOELHOS	471153,647	9156961,534	641,837
107	RFCOELHOS	471136,619	9156843,826	646,453
108	RFCOELHOS	471124,024	9156745,547	651,132
109	RFCOELHOS	471102,793	9156589,412	656,910
110	RFCOELHOS	471091,004	9156518,855	656,703
111	RFCOELHOS	471080,421	9156438,837	660,672
112	RFCOELHOS	471059,415	9156308,060	673,439
113	RFCOELHOS	471048,795	9156229,658	677,003
114	RFCOELHOS	471037,210	9156186,916	677,599
115	RFCOELHOS	471013,622	9156149,411	678,111
116	RFCOELHOS	470968,303	9156113,235	678,317
117	RFCOELHOS	470920,885	9156074,911	676,778
118	RFCOELHOS	470884,248	9156049,823	676,498
119	RFCOELHOS	470841,251	9156021,519	676,125
120	RFCOELHOS	470807,457	9156000,690	676,561
121	RFCOELHOS	470792,340	9155991,385	677,077
122	RFCOELHOS	470822,028	9155963,132	679,644
CID001	24M	467955,023	9157142,921	707,912

Sítio Lagoa do Alto1.txt

CID002	24M	467995,049	9157118,124	702,378
CID003	24M	468047,424	9157091,350	697,624
CID004	24M	468064,806	9157084,948	696,792
CID005	24M	468077,170	9157091,890	696,901
CID006	24M	468122,943	9157173,595	695,472
CID007	24M	468138,398	9157203,228	693,163
CID008	24M	468145,730	9157210,621	692,370
CID009	24M	468164,547	9157205,029	691,176
CID010	24M	468214,097	9157176,628	688,232
CID011	24M	468276,630	9157141,640	684,820
CID012	24M	468385,126	9157076,983	680,130
CID013	24M	468458,638	9157035,225	676,814
CID014	24M	468532,591	9156992,200	670,401
CID015	24M	468612,474	9156943,822	665,470
CID016	24M	468732,275	9156875,162	675,623
CID017	24M	468797,500	9156835,541	677,371
CID018	24M	468884,966	9156784,759	670,545
CID019	24M	468899,438	9156793,528	669,950
CID020	24M	468963,090	9156828,679	666,574
CID021	24M	469005,292	9156854,824	663,959
CID022	24M	469046,093	9156879,911	661,972
CID023	24M	469084,759	9156907,383	660,005
CID024	24M	469111,625	9156931,755	658,348
CID025	24M	469125,737	9156951,565	657,566
CID026	24M	469136,000	9156984,138	656,390
CID027	24M	469148,502	9157020,930	654,583
CID028	24M	469174,442	9157043,605	653,126
CID029	24M	469207,195	9157024,812	652,729
CID030	24M	469253,595	9156995,215	651,537
CID031	24M	469310,601	9156959,398	650,683
CID032	24M	469374,287	9156923,376	656,428
CID033	24M	469457,139	9156871,670	666,265
CID034	24M	469514,881	9156835,685	670,594
CID035	24M	469559,540	9156807,617	673,711
CID036	24M	469612,808	9156773,951	677,349
CID037	24M	469714,969	9156710,530	682,567
CID038	24M	469766,145	9156680,213	683,390
CID039	24M	469820,953	9156640,972	679,300
CID040	24M	469856,173	9156619,485	676,770
CID041	24M	469858,512	9156601,603	675,828
CID042	24M	469812,364	9156538,330	673,524
CID043	24M	469808,860	9156522,411	672,612
CID044	24M	469821,115	9156512,510	671,007
CID045	24M	469890,900	9156472,883	667,110
CID046	24M	469962,828	9156429,088	664,053
CID047	24M	470014,758	9156396,982	665,514
CID048	24M	470058,165	9156373,699	666,073
CID049	24M	470114,894	9156339,847	664,344
CID050	24M	470187,992	9156295,309	657,766
CID051	24M	470238,840	9156262,620	655,611
CID052	24M	470302,457	9156227,063	660,417
CID053	24M	470372,329	9156187,342	662,837



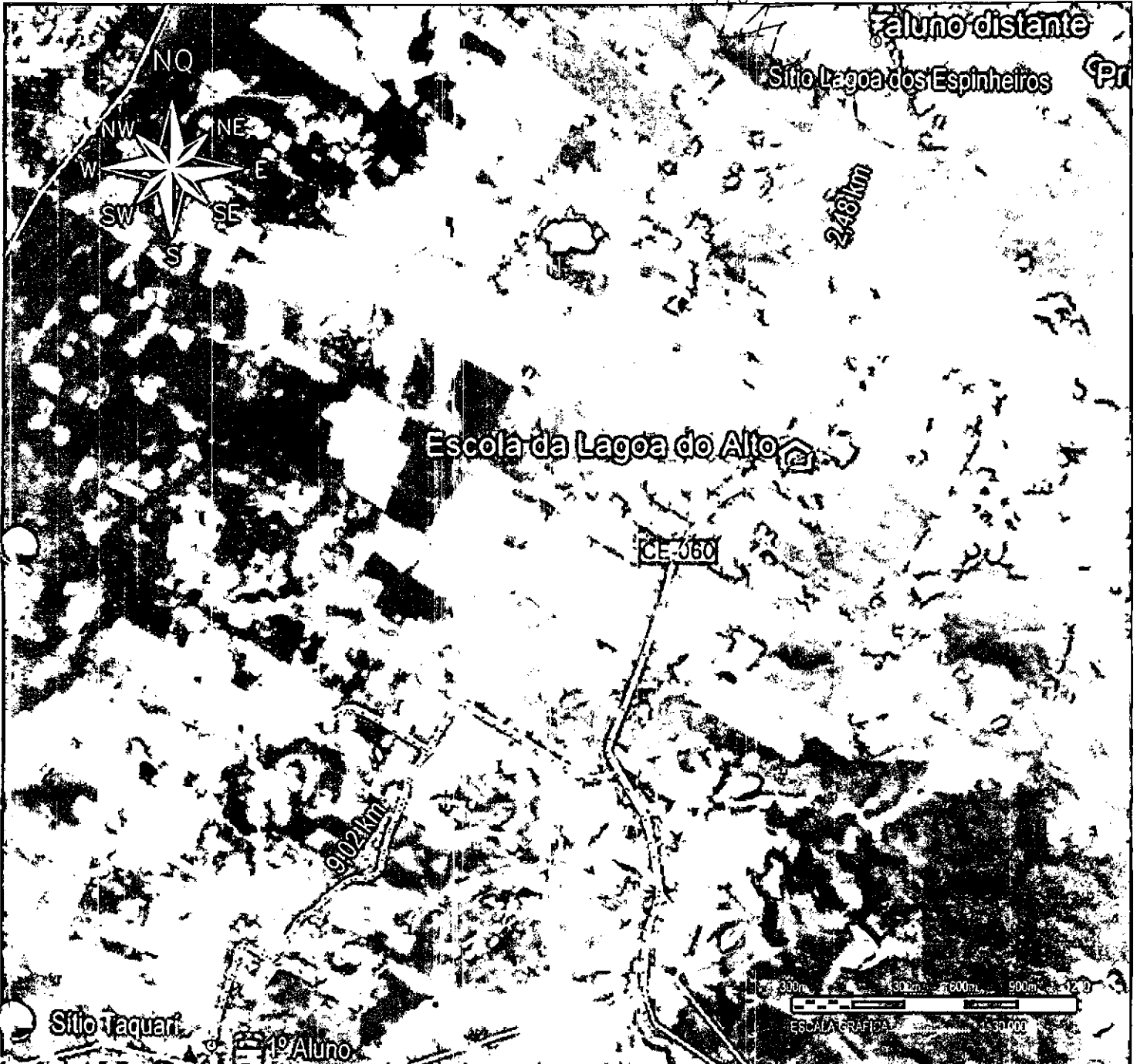
FLS 214  
41

Sítio Lagoa do Alto1.txt

CID054	24M	470448,177	<del>9</del> -56142,250	666,916
CID055	24M	470518,066	<del>9</del> -56100,730	668,775
CID056	24M	470574,472	<del>9</del> -56068,035	671,468
CID057	24M	470639,957	<del>9</del> -56028,617	673,256
CID058	24M	470681,032	<del>9</del> -56002,915	674,145
CID059	24M	470713,387	<del>9</del> -55981,686	676,484
CID060	24M	470722,952	<del>9</del> -55964,033	678,306
CID061	24M	470789,384	<del>9</del> -55990,971	677,066
CID062	24M	470822,496	<del>9</del> -55960,959	679,801







ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
24	1	1	Distrito do Taquari/Sítio Lagoa do Mandacerú/Sítio Lagoa do Souza/Sítio Riacho da Cachoeira/Lagoa do Alto/Sítio Lagoa dos Espinheiros/EEF Santo Antônio(Lagoa do Alto)	UTM Z 24M E(X)467728,78; N(Y) 9152935,864 e UTM Z 24M E(X)471259,55; N(Y) 9158238,51	UTM Z-24M E(X)470817,60; N(Y) 9155959,72	46,03	Mista	Micro-ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTDA.  
(88)

99688-8559/99652-4881  
clevilandalencar@gmail.com

LEVANTAMENTO:  
  
CLEVILAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784563-5

LOCAL: SÍTIO LAGOA DO ALTO (rota 24) - JARDIM - CE  
PRANCHA: 1 / 2  
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO LAGOA DO ALTO

PERCURSO UNITÁRIO : 11,51 km      DATA: ABRIL / 2018      ESCALA: 1 : 30.000

11/31/18  
 FLS 216  
 47

Distrito de Taquari

9,02 km

Escola da Lagoa do Alto

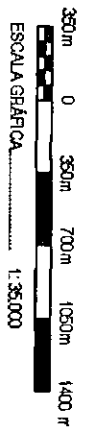
Sítio Lagoa das Espinheiras

2,48 km

Escola da Lagoa do Alto

ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MANUTENÇÃO	VISPERTINO							
24	1	1	Distrito de Taquari/Sítio Lagoa das Espinheiras/Escola da Lagoa do Alto/Sítio Lagoa das Espinheiras/Escola de Taquari (do Alto)	UTM 224M - E(X) 467728,78; N(Y) 9152935,864 e UTM 2 24M E(X) 471259,55; N(Y) 9158238,51	UTM 224M - E(X) 470817,60; N(Y) 9158959,72	46,03	Mista	Micro-ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**



**TOPOGEO**  
 TOPOGRAFIA E  
 GEODESIA  
 LTDA.  
 (88)  
 98688-8559/99652-4881  
 clevlandalencar@gmail.com

**LEVANTAMENTO:**  
 LOCAL: SÍTIO LAGOA DO ALTO (rota 24) - JARDIM - CE  
 PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)  
 CONTEÚDO: PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO LAGOA DO ALTO

**CLEVLAND ALENCAR DE OLIVEIRA**  
 TEC. CONS. CNA. TOPO. EST. P. QUAS  
 CREA: ENP. 000/24503-5

**PERCUI. UNITÁRIO: 11,51 km**

DATA: **ABRIL / 2018**

ESCALA: **1 : 35.000**

PRANCH. **212**



Sítio Lagoa do Alto3.txt

1	LAG3	467727,434	9152935,029	732,181
2	LAG3	467727,333	9152935,094	732,662
3	LAG3	467722,563	9152934,590	733,623
4	LAG3	467728,748	9152933,344	728,336
5	LAG3	467727,851	9152934,057	725,933
6	LAG3	467728,584	9152943,101	727,375
7	LAG3	467731,175	9152953,500	729,778
8	LAG3	467737,952	9152979,830	727,375
9	LAG3	467758,960	9153053,224	724,971
10	LAG3	467781,111	9153132,753	717,281
11	LAG3	467784,406	9153140,882	717,281
12	LAG3	467792,767	9153175,293	717,281
13	LAG3	467804,664	9153216,675	716,800
14	LAG3	467826,658	9153283,547	717,762
15	LAG3	467834,277	9153307,588	719,204
16	LAG3	467855,528	9153379,027	719,684
17	LAG3	467873,904	9153449,186	721,607
18	LAG3	467906,947	9153471,716	722,568
19	LAG3	467912,718	9153468,291	722,568
20	LAG3	467996,610	9153415,882	722,568
21	LAG3	468019,655	9153403,694	721,607
22	LAG3	468036,847	9153393,744	720,165
23	LAG3	468072,767	9153413,497	716,800
24	LAG3	468128,229	9153503,463	706,706
25	LAG3	468131,618	9153507,765	706,226
26	LAG3	468181,225	9153589,685	704,303
27	LAG3	468186,276	9153597,286	704,303
28	LAG3	468217,812	9153620,195	704,303
29	LAG3	468273,684	9153650,339	705,745
30	LAG3	468326,992	9153713,395	707,187
31	LAG3	468383,439	9153754,908	714,397
32	LAG3	468428,147	9153794,199	715,358
33	LAG3	468465,464	9153812,349	715,839
34	LAG3	468489,894	9153817,017	715,839
35	LAG3	468538,944	9153818,615	715,839
36	LAG3	468581,525	9153831,681	715,358
37	LAG3	468617,931	9153858,142	714,397
38	LAG3	468630,399	9153917,936	712,955
39	LAG3	468638,696	9153952,477	712,955
40	LAG3	468642,151	9153970,864	712,955
41	LAG3	468668,471	9154066,824	712,955
42	LAG3	468673,305	9154082,395	713,436
43	LAG3	468698,241	9154119,078	713,436
44	LAG3	468720,685	9154177,739	712,955
45	LAG3	468732,996	9154210,921	712,955
46	LAG3	468744,478	9154238,449	714,397
47	LAG3	468766,247	9154325,409	722,087
48	LAG3	468774,070	9154350,424	723,530
49	LAG3	468818,734	9154415,326	725,933
50	LAG3	468862,720	9154472,111	727,855
51	LAG3	468859,411	9154499,306	727,855
52	LAG3	468797,420	9154536,849	731,220



Sítio Lagoa do Alto3.txt

53	LAG3	468752,484	9154561,672	733,623
54	LAG3	468690,464	9154600,169	740,353
55	LAG3	468596,870	9154657,734	742,275
56	LAG3	468526,613	9154694,623	748,043
57	LAG3	468468,197	9154708,345	745,159
58	LAG3	468408,758	9154701,717	749,485
59	LAG3	468387,710	9154683,412	750,927
60	LAG3	468378,109	9154677,864	749,966
61	LAG3	468386,738	9154672,579	750,447
62	LAG3	468386,414	9154673,190	749,966
63	LAG3	468391,710	9154689,067	750,447
64	LAG3	468407,299	9154698,871	749,966
65	LAG3	468442,886	9154706,651	747,562
66	LAG3	468480,061	9154702,738	747,562
67	LAG3	468527,078	9154690,574	750,447
68	LAG3	468620,602	9154641,386	744,678
69	LAG3	468701,996	9154593,190	740,353
70	LAG3	468756,515	9154560,284	735,065
71	LAG3	468839,277	9154511,793	732,181
72	LAG3	468854,157	9154503,574	731,220
73	LAG3	468867,301	9154492,213	730,259
74	LAG3	468869,225	9154491,556	730,739
75	LAG3	468888,165	9154508,850	731,220
76	LAG3	468912,776	9154548,443	731,700
77	LAG3	468944,304	9154598,751	729,297
78	LAG3	468988,246	9154666,841	729,778
79	LAG3	469023,568	9154711,018	730,259
80	LAG3	469047,396	9154733,513	727,855
81	LAG3	469071,325	9154727,302	726,894
82	LAG3	469165,861	9154670,209	724,491
83	LAG3	469229,277	9154631,804	722,568
84	LAG3	469285,199	9154600,808	721,126
85	LAG3	469319,335	9154580,083	719,684
86	LAG3	469365,948	9154548,672	716,800
87	LAG3	469447,314	9154498,928	711,994
88	LAG3	469539,317	9154441,425	712,955
89	LAG3	469601,464	9154405,215	716,800
90	LAG3	469692,050	9154349,147	717,762
91	LAG3	469704,776	9154341,779	716,800
92	LAG3	469756,730	9154341,729	711,994
93	LAG3	469760,973	9154342,946	711,994
94	LAG3	469771,603	9154345,000	712,474
95	LAG3	469868,343	9154365,985	709,110
96	LAG3	469879,194	9154370,217	710,071
97	LAG3	469881,374	9154371,951	708,148
98	LAG3	469892,113	9154362,377	707,668
99	LAG3	469935,079	9154295,094	703,823
100	LAG3	470019,720	9154151,418	694,209
101	LAG3	470062,428	9154009,189	687,480
102	LAG3	470104,695	9153728,939	679,309
103	LAG3	470089,573	9153680,726	682,193
104	LAG3	470035,559	9153548,036	691,325



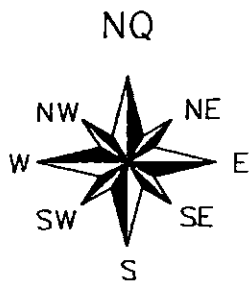
Sítio Lagoa do Alto3.txt

105	LAG3	470020,136	9153392,140	695,651
106	LAG3	470013,867	9153233,506	696,613
107	LAG3	470015,288	9153222,990	696,132
108	LAG3	470013,204	9153228,094	696,132
109	LAG3	470015,033	9153230,699	695,651
110	LAG3	470017,705	9153244,749	696,132
111	LAG3	470021,151	9153320,818	696,132
112	LAG3	470028,256	9153488,709	692,767
113	LAG3	470062,763	9153623,842	688,922
114	LAG3	470097,999	9153689,303	681,231
115	LAG3	470107,776	9153753,302	678,828
116	LAG3	470078,495	9153935,051	684,116
117	LAG3	470033,925	9154129,049	691,325
118	LAG3	469945,956	9154285,464	702,861
119	LAG3	469842,125	9154454,063	709,590
120	LAG3	469829,699	9154484,986	708,148
121	LAG3	469844,426	9154556,874	699,977
122	LAG3	469913,376	9154713,276	688,922
123	LAG3	470026,606	9155003,975	680,751
124	LAG3	470115,529	9155270,724	687,961
125	LAG3	470179,192	9155500,892	688,441
126	LAG3	470267,427	9155630,897	690,845
127	LAG3	470421,344	9155809,730	694,690
128	LAG3	470557,947	9155881,916	692,287
129	LAG3	470762,245	9155981,172	691,325
130	LAG3	470785,798	9155985,032	691,806
131	LAG3	470792,362	9155985,935	692,287
132	LAG3	470794,857	9155987,818	688,922
133	LAG3	470794,847	9155988,031	688,922
1	24M	471255,720	9158250,288	649,864
2	24M	471257,620	9158237,295	649,053
3	24M	471248,944	9158214,839	648,087
4	24M	471255,520	9158186,803	646,235
5	24M	471263,233	9158153,302	644,506
6	24M	471271,174	9158116,775	643,811
7	24M	471278,694	9158086,061	642,947
8	24M	471289,132	9158043,739	641,648
9	24M	471301,860	9157996,954	640,402
10	24M	471311,865	9157951,735	638,973
11	24M	471324,053	9157898,308	637,139
12	24M	471332,501	9157865,031	634,848
13	24M	471340,727	9157830,392	632,061
14	24M	471348,740	9157796,572	629,535
15	24M	471353,951	9157769,565	628,949
16	24M	471361,414	9157734,215	628,392
17	24M	471367,022	9157705,600	628,032
18	24M	471371,804	9157682,071	627,326
19	24M	471373,210	9157661,629	626,661
20	24M	471369,690	9157639,715	625,947
21	24M	471361,007	9157618,313	625,250
22	24M	471344,096	9157587,750	625,000
23	24M	471330,502	9157564,120	625,000

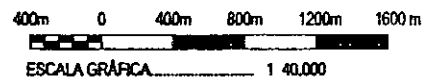
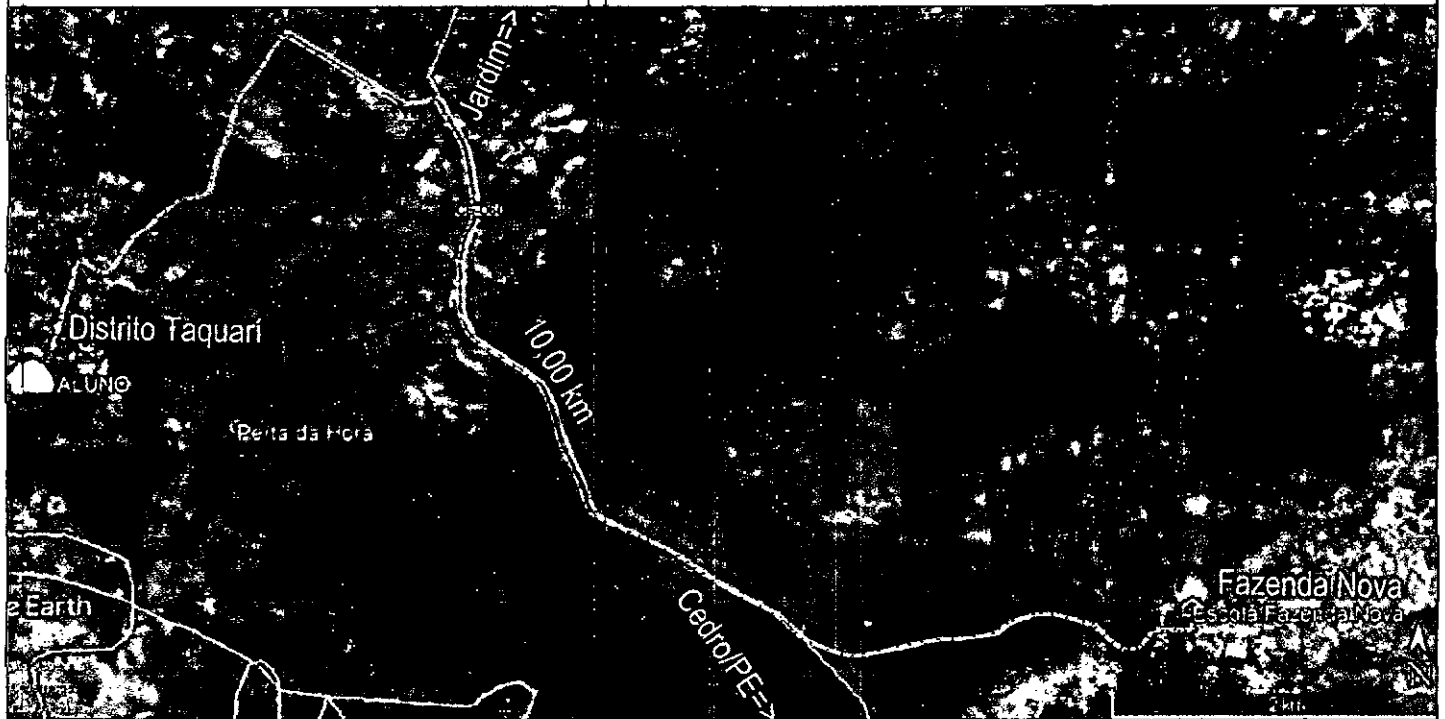
FLS 220  
47

Sítio Lagoa do Alto3.txt

24	24M	471313,953	9157541,067	625,160
25	24M	471299,506	9157514,775	625,556
26	24M	471274,542	9157474,536	627,013
27	24M	471259,258	9157447,715	628,195
28	24M	471235,327	9157408,936	629,809
29	24M	471228,791	9157393,222	629,975
30	24M	471220,704	9157359,522	629,816
31	24M	471214,101	9157312,342	630,074
32	24M	471208,961	9157277,959	630,607
33	24M	471202,308	9157241,406	631,102
34	24M	471198,339	9157218,300	631,887
35	24M	471192,639	9157190,051	632,784
36	24M	471188,836	9157163,597	633,654
37	24M	471184,977	9157147,685	634,133
38	24M	471179,323	9157113,331	635,750
39	24M	471168,323	9157044,403	638,866
40	24M	471161,613	9157005,650	640,255
41	24M	471156,248	9156967,105	641,694
42	24M	471145,458	9156909,720	643,801
43	24M	471137,442	9156866,238	645,298
44	24M	471129,367	9156826,457	646,876
45	24M	471123,882	9156792,204	648,284
46	24M	471115,959	9156744,145	650,570
47	24M	471112,254	9156715,295	652,058
48	24M	471108,665	9156664,935	654,413
49	24M	471104,100	9156620,596	655,939
50	24M	471092,631	9156541,030	656,572
51	24M	471082,322	9156471,598	658,550
52	24M	471068,766	9156395,052	664,148
53	24M	471058,426	9156320,896	672,700
54	24M	471049,409	9156257,142	675,552
55	24M	471041,706	9156216,530	676,832
56	24M	471032,469	9156187,963	677,199
57	24M	471010,717	9156151,686	677,841
58	24M	470970,473	9156116,661	678,240
59	24M	470916,687	9156073,519	676,539
60	24M	470869,077	9156041,652	676,393
61	24M	470820,483	9156008,864	676,264
62	24M	470793,398	9155992,665	676,976
63	24M	470816,403	9155966,573	679,396



221  
41



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
25		1	Distrito do Taquari ao Distrito de Fazenda Nova EEF-José da Costa Bezerra	UTM Z-24M E(X)467728,78; N(Y) 9152935,864	UTM Z-24M E(X)4474176,98; N(Y) 9151410,87	20,00	Mista	Micro-ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTDA.  
(88)

99688-8559/99652-4881  
clevilandalencar@gmail.com

LEVANTAMENTO:

*[Signature]*  
CLEVILAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784563-5

**LOCAL:** DISTRITO TAQUARÍ (rota 25) - JARDIM - CE

PRANCHA:  
**1 / 2**

**PROPRIETÁRIO:** PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

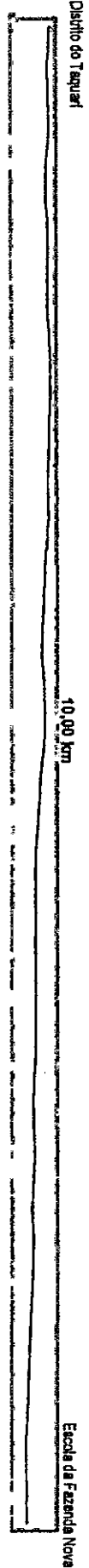
**CONTEÚDO:** PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS DISTRITO TAQUARÍ

**PERCURSO UNITÁRIO :** 10,00 km

**DATA:** ABRIL / 2018

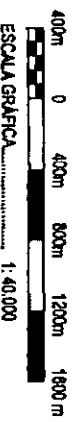
**ESCALA:** 1 : 40.000

FLS 222  
47



**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODESIA LTDA. (89) 99688-8559/99652-4881 clevlandalencar@gmail.com	<b>LEVANTAMENTO:</b>  CLEVLAND ALENCAR DE OLIVEIRA TECNICO CIVIL, TOPO. E STRADAS CREA: RNP 050784553-9
<b>LOCAL:</b> DISTRITO TAQUARI (rota 25) - JARDIM - CE	<b>PRANCHAS:</b> 2 / 2
<b>CONTEÚDO:</b> PERFS DAS ROTAS ESCOLARES MUNICIPAIS DISTRITO TAQUARI	



<b>PERCURSO UNITÁRIO:</b> 10,00 km	<b>DATA:</b> ABRIL / 2018	<b>ESCALA:</b> 1 : 40.000
------------------------------------	---------------------------	---------------------------





Taquarí.txt

1	24M	467727,434	9152935,029	732,181
2	24M	467727,333	9152935,094	732,662
3	24M	467722,563	9152934,590	733,623
4	24M	467728,748	9152933,344	728,336
5	24M	467727,851	9152934,057	725,933
6	24M	467728,584	9152943,101	727,375
7	24M	467731,175	9152953,500	729,778
8	24M	467737,952	9152979,830	727,375
9	24M	467758,960	9153053,224	724,971
10	24M	467781,111	9153132,753	717,281
11	24M	467784,406	9153140,882	717,281
12	24M	467792,767	9153175,293	717,281
13	24M	467804,664	9153216,675	716,800
14	24M	467826,658	9153283,547	717,762
15	24M	467834,277	9153307,588	719,204
16	24M	467855,528	9153379,027	719,684
17	24M	467873,904	9153449,186	721,607
18	24M	467906,947	9153471,716	722,568
19	24M	467912,718	9153468,291	722,568
20	24M	467996,610	9153415,882	722,568
21	24M	468019,655	9153403,694	721,607
22	24M	468036,847	9153393,744	720,165
23	24M	468072,767	9153413,497	716,800
24	24M	468128,229	9153503,463	706,706
25	24M	468131,618	9153507,765	706,226
26	24M	468181,225	9153589,685	704,303
27	24M	468186,276	9153597,286	704,303
28	24M	468217,812	9153620,195	704,303
29	24M	468273,684	9153650,339	705,745
30	24M	468326,992	9153713,395	707,187
31	24M	468383,439	9153754,908	714,397
32	24M	468428,147	9153794,199	715,358
33	24M	468465,464	9153812,349	715,839
34	24M	468489,894	9153817,017	715,839
35	24M	468538,944	9153818,615	715,839
36	24M	468581,525	9153831,681	715,358
37	24M	468617,931	9153858,142	714,397
38	24M	468630,399	9153917,936	712,955
39	24M	468638,696	9153952,477	712,955
40	24M	468642,151	9153970,864	712,955
41	24M	468668,471	9154066,824	712,955
42	24M	468673,305	9154082,395	713,436
43	24M	468698,241	9154119,078	713,436
44	24M	468720,685	9154177,739	712,955
45	24M	468732,996	9154210,921	712,955
46	24M	468744,478	9154238,449	714,397
47	24M	468766,247	9154325,409	722,087
48	24M	468774,070	9154350,424	723,530
49	24M	468818,734	9154415,326	725,933
50	24M	468862,720	9154472,111	727,855
51	24M	468869,225	9154491,556	730,739
52	24M	468888,165	9154508,850	731,220

FLS 224  
A

Taquarí.txt

53	24M	468912,776	9154548,443	731,700
54	24M	468944,304	9154598,751	729,297
55	24M	468988,246	9154666,841	729,778
56	24M	469023,568	9154711,018	730,259
57	24M	469047,396	9154733,513	727,855
58	24M	469071,325	9154727,302	726,894
59	24M	469165,861	9154670,209	724,491
60	24M	469229,277	9154631,804	722,568
61	24M	469285,199	9154600,808	721,126
62	24M	469319,335	9154580,083	719,684
63	24M	469365,948	9154548,672	716,800
64	24M	469447,314	9154498,928	711,994
65	24M	469539,317	9154441,425	712,955
66	24M	469601,464	9154405,215	716,800
67	24M	469692,050	9154349,147	717,762
68	24M	469704,776	9154341,779	716,800
69	24M	469756,730	9154341,729	711,994
70	24M	469760,973	9154342,946	711,994
71	24M	469771,603	9154345,000	712,474
72	24M	469868,343	9154365,985	709,110
73	24M	469879,194	9154370,217	710,071
74	24M	469881,374	9154371,951	708,148
75	24M	469892,347	9154373,339	700,441
76	24M	469939,414	9154295,884	696,115
77	24M	469965,253	9154251,580	694,193
78	24M	469995,810	9154201,617	691,789
79	24M	470021,780	9154154,292	686,742
80	24M	470045,686	9154097,069	682,897
81	24M	470057,639	9154053,646	681,455
82	24M	470073,846	9153963,727	678,571
83	24M	470086,721	9153893,432	676,648
84	24M	470099,823	9153817,169	673,524
85	24M	470107,195	9153737,113	671,361
86	24M	470101,478	9153698,720	673,284
87	24M	470088,719	9153672,117	675,928
88	24M	470069,678	9153638,052	680,253
89	24M	470052,338	9153605,581	682,657
90	24M	470041,444	9153567,795	683,858
91	24M	470031,539	9153516,120	685,300
92	24M	470025,827	9153484,639	686,262
93	24M	470024,128	9153437,704	688,184
94	24M	470021,147	9153356,298	690,587
95	24M	470018,446	9153272,520	692,270
96	24M	470019,729	9153202,162	689,146
97	24M	470032,033	9153143,394	685,060
98	24M	470055,617	9153082,733	678,091
99	24M	470084,422	9153039,181	672,082
100	24M	470129,501	9153004,684	666,315
101	24M	470190,741	9152966,286	661,027
102	24M	470262,533	9152920,574	654,779
103	24M	470334,011	9152874,834	648,530
104	24M	470412,259	9152824,780	642,522



Taquari.txt

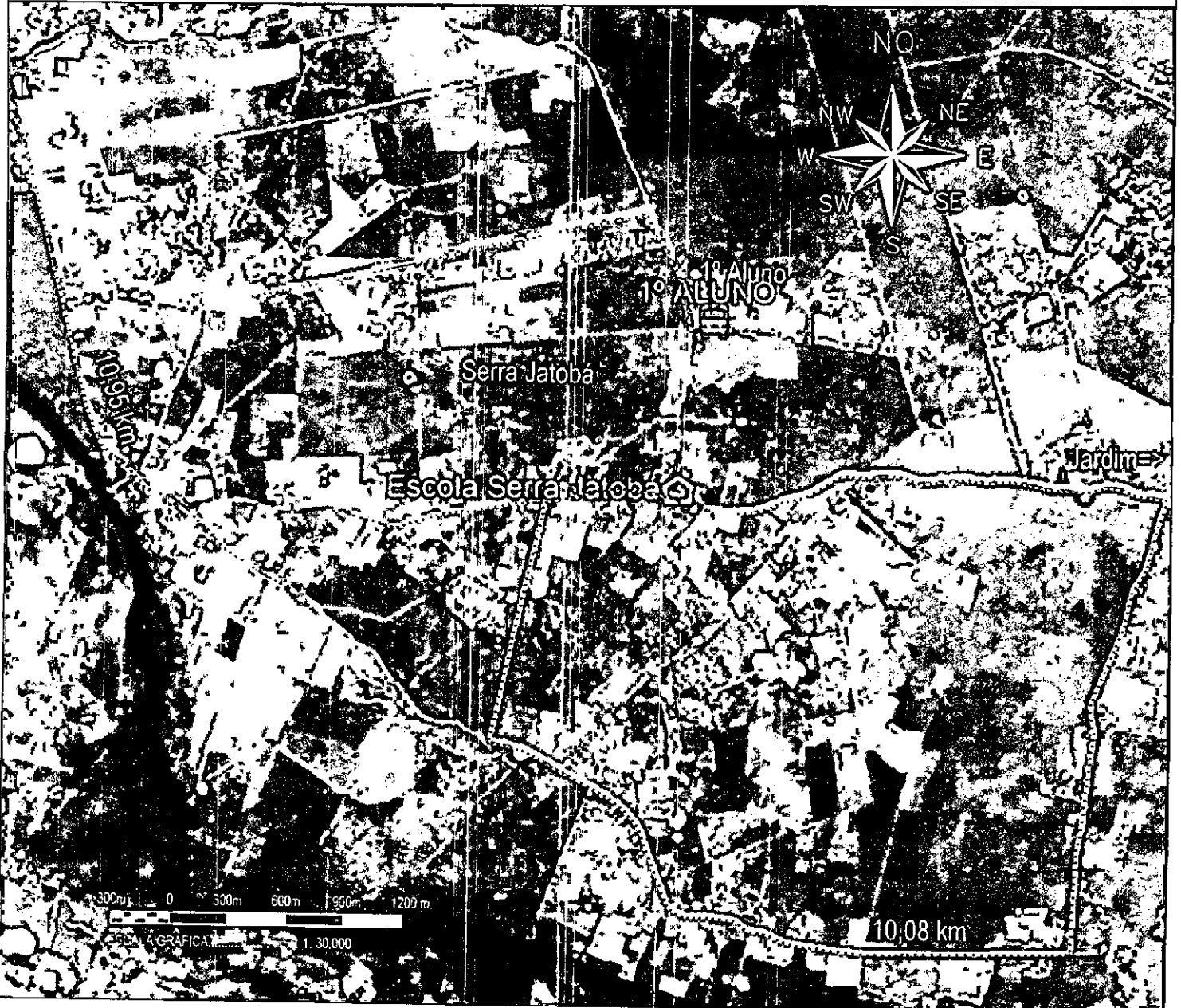
105	24M	470469,564	9152779,606	638,677
106	24M	470510,100	9152706,539	632,188
107	24M	470539,599	9152616,637	628,583
108	24M	470563,600	9152536,360	627,381
109	24M	470588,333	9152454,276	628,103
110	24M	470613,591	9152391,614	629,064
111	24M	470667,921	9152284,029	628,824
112	24M	470708,761	9152194,654	628,583
113	24M	470731,019	9152108,463	627,141
114	24M	470757,737	9152059,146	627,622
115	24M	470798,894	9152026,174	628,103
116	24M	470847,837	9152003,873	629,064
117	24M	470920,653	9151973,413	630,746
118	24M	470984,205	9151946,487	632,188
119	24M	471035,663	9151921,972	630,746
120	24M	471084,681	9151897,993	629,304
121	24M	471179,479	9151852,646	628,824
122	24M	471252,662	9151812,049	630,025
123	24M	471308,065	9151775,175	631,227
124	24M	471352,058	9151744,855	629,785
125	24M	471394,404	9151715,627	626,180
126	24M	471458,288	9151672,447	619,931
127	24M	471530,485	9151624,389	616,807
128	24M	471612,259	9151576,310	615,125
129	24M	471722,450	9151528,052	616,326
130	24M	471791,728	9151490,417	616,326
131	24M	471846,396	9151446,360	618,970
132	24M	471892,563	9151396,322	620,652
133	24M	471921,554	9151377,492	619,931
134	24M	471955,766	9151345,636	619,450
135	24M	472005,467	9151321,517	618,009
136	24M	472098,726	9151281,172	614,404
137	24M	472178,285	9151255,032	609,597
138	24M	472237,007	9151247,959	607,194
139	24M	472301,940	9151258,320	607,915
140	24M	472386,181	9151272,704	610,558
141	24M	472491,688	9151295,301	610,799
142	24M	472561,998	9151311,660	609,597
143	24M	472628,601	9151326,766	608,876
144	24M	472723,831	9151344,593	606,473
145	24M	472804,226	9151344,584	604,550
146	24M	472922,626	9151355,429	598,542
147	24M	473036,677	9151375,314	593,495
148	24M	473069,490	9151396,238	592,053
149	24M	473111,078	9151431,288	589,890
150	24M	473145,420	9151445,522	588,689
151	24M	473255,977	9151480,546	585,564
152	24M	473301,844	9151483,185	584,363
153	24M	473365,944	9151480,247	581,960
154	24M	473446,608	9151462,714	579,796
155	24M	473538,478	9151439,831	576,672
156	24M	473591,456	9151423,126	574,509

FLS 226  
47

Taquari.txt

157	24M	473610,404	9151409,478	573,788
158	24M	473660,201	9151361,636	569,943
159	24M	473701,959	9151322,834	568,261
160	24M	473754,476	9151285,381	567,059
161	24M	473773,874	9151278,359	566,819
162	24M	473795,143	9151281,271	566,579
163	24M	473839,230	9151292,415	566,338
164	24M	473863,700	9151307,162	566,819
165	24M	473900,179	9151354,356	568,501
166	24M	473922,511	9151390,554	569,462
167	24M	473940,896	9151392,732	569,943
168	24M	473984,584	9151389,911	570,904
169	24M	474012,205	9151390,112	570,664
170	24M	474052,638	9151391,487	568,742
171	24M	474078,790	9151389,518	568,742
172	24M	474109,804	9151389,137	570,183
173	24M	474151,855	9151388,400	572,346
174	24M	474173,735	9151390,645	571,625
175	24M	474176,778	9151403,082	570,664
176	24M	474176,987	9151410,866	573,548

103 227  
/H



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
26		1	Serra Jatobá (Os dois lados)/EEF Castro Alves	UTM Z-24M E(X)467728,78; N(Y) 9152935,864	UTM Z-24M E(X)4474176,98; N(Y) 9151410,87	42,07	Carroçável	Micro ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODÉSIA  
LTDA.  
(88)

LEVANTAMENTO:

*Cleveland Alencar de Oliveira*  
CLEVLAND ALENCAR DE OLIVEIRA  
TEC CONS. CIVIL TOPO ESTRADAS  
CREA: RNP 060784563-5

99688-8559/99652-4881  
clevelandalencar@gmail.com

LOCAL: SERRAJATOBÁ (rota 26) - JARDIM - CE

PRANCHA:  
**1 / 2**

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

CONTEÚDO:

PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SERRA JATOBÁ

PERCURSO UNITÁRIO : 21,03 km

DATA: ABRIL / 2018

ESCALA: 1 : 30.000

FLS 228  
41

Distrito do Taquari

10,95 km

Escola da Fazenda Nova

10,08 km

ITEM	PERÍODO	NOME/RUA/LEIÃO	COORD. SAÍDA	COORD. CHEGADA	TEMPO REAL / DIA	TIPO DE ESTIMADA	TIPO DE VEÍCULO	QUANTIDADE DE ALIQUOTAS
26	MAUTIMINO VESPERTINO	Serra Jatobá (Os dois lados)/EEF Castro Alves	UTM Z-24M E(XX)467772R, 78;	UTM Z 24M EM4474176,98;	42,07	Carroçável	Micro-ônibus	29

**LEVANTAMENTO PLANIMETRICO**

**TOPOGEO**  
TOPOGRAFIA E GEODESIA  
LTDA.

LEVANTAMENTO:

CLEVLAND AUGUSTO DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTADOS  
CREDA. INF. 000784309-5

LOCAL: SERRA JATOBA (rota 26) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHA: 212



CONTEUDO: PERFS DAS ROTAS ESCOLARES MUNICIPAIS SERRA JATOBA

PERCU: UNITÁRIO : 21,03 km DATA: ABRIL / 2018 ESCALA: 1 : 40.000

FLS 225  
A7

Jatobál.txt

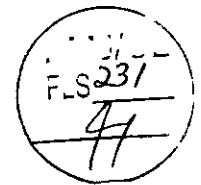
1	24M	455899,449	9162243,450	922,522
2	24M	455892,537	9162278,990	922,522
3	24M	455882,211	9162316,741	923,964
4	24M	455872,194	9162350,609	923,003
5	24M	455862,769	9162383,264	923,964
6	24M	455855,859	9162417,201	924,445
7	24M	455859,403	9162454,436	924,926
8	24M	455853,825	9162487,327	924,445
9	24M	455838,021	9162519,392	924,445
10	24M	455821,799	9162554,451	925,406
11	24M	455809,191	9162580,107	925,406
12	24M	455789,908	9162614,727	925,406
13	24M	455777,391	9162642,338	925,887
14	24M	455756,872	9162673,278	925,887
15	24M	455735,163	9162702,336	926,368
16	24M	455718,946	9162730,528	926,848
17	24M	455704,401	9162762,104	927,810
18	24M	455689,639	9162796,885	928,290
19	24M	455676,379	9162827,878	928,771
20	24M	455650,676	9162835,379	929,252
21	24M	455611,507	9162827,308	929,732
22	24M	455576,710	9162819,984	930,694
23	24M	455539,935	9162812,592	930,694
24	24M	455503,613	9162804,793	931,174
25	24M	455466,376	9162797,382	931,655
26	24M	455429,952	9162790,214	931,655
27	24M	455392,354	9162782,311	932,136
28	24M	455363,512	9162775,946	932,616
29	24M	455324,287	9162767,394	933,097
30	24M	455293,743	9162761,176	933,577
31	24M	455255,147	9162753,328	934,058
32	24M	455218,317	9162745,584	934,058
33	24M	455181,301	9162737,988	934,539
34	24M	455142,799	9162729,223	934,539
35	24M	455112,597	9162722,866	934,539
36	24M	455081,637	9162715,980	935,020
37	24M	455049,096	9162709,278	935,500
38	24M	455015,225	9162701,907	935,981
39	24M	454981,085	9162694,425	935,981
40	24M	454946,649	9162686,989	936,461
41	24M	454912,407	9162680,044	936,461
42	24M	454878,822	9162673,044	936,942
43	24M	454845,264	9162666,025	937,423
44	24M	454811,744	9162659,183	937,423
45	24M	454778,999	9162652,675	937,903
46	24M	454745,164	9162645,508	939,826
47	24M	454710,683	9162637,237	940,787
48	24M	454674,437	9162628,502	941,749
49	24M	454637,478	9162619,868	942,230
50	24M	454600,787	9162611,271	942,230
51	24M	454565,317	9162603,046	942,710
52	24M	454531,612	9162595,230	942,710



Jatobál.txt

53	24M	454501,624	9162587,937	943,191
54	24M	454466,153	9162580,092	943,671
55	24M	454437,515	9162573,300	944,152
56	24M	454398,493	9162565,841	944,152
57	24M	454362,181	9162558,124	944,152
58	24M	454330,252	9162550,273	944,633
59	24M	454295,558	9162542,058	945,113
60	24M	454259,893	9162534,045	945,594
61	24M	454222,648	9162525,392	946,075
62	24M	454184,728	9162516,933	946,555
63	24M	454147,464	9162508,696	947,036
64	24M	454110,487	9162499,858	947,517
65	24M	454072,927	9162491,343	947,997
66	24M	454035,664	9162482,717	948,478
67	24M	453999,388	9162475,825	948,959
68	24M	453963,675	9162469,777	948,959
69	24M	453931,588	9162462,899	949,439
70	24M	453897,781	9162455,768	949,920
71	24M	453863,021	9162449,267	950,401
72	24M	453827,309	9162442,894	950,881
73	24M	453791,144	9162435,567	951,362
74	24M	453759,288	9162428,679	951,843
75	24M	453724,112	9162422,566	952,323
76	24M	453696,425	9162416,887	952,804
77	24M	453664,400	9162411,574	953,284
78	24M	453632,673	9162405,520	953,765
79	24M	453596,368	9162399,842	954,246
80	24M	453557,865	9162392,030	954,726
81	24M	453528,152	9162387,368	955,207
82	24M	453497,302	9162381,982	955,688
83	24M	453465,917	9162376,234	956,169
84	24M	453436,112	9162370,646	956,169
85	24M	453405,291	9162364,333	957,130
86	24M	453374,886	9162357,650	957,130
87	24M	453365,015	9162382,688	958,572
88	24M	453369,287	9162419,776	958,572
89	24M	453372,612	9162452,211	958,572
90	24M	453375,845	9162484,573	959,053
91	24M	453377,585	9162511,466	959,533
92	24M	453381,554	9162546,394	962,898
93	24M	453382,474	9162579,968	962,898
94	24M	453384,538	9162615,645	963,859
95	24M	453387,469	9162654,409	963,859
96	24M	453389,571	9162698,177	963,378
97	24M	453392,041	9162735,421	963,378
98	24M	453396,403	9162775,205	962,898
99	24M	453400,704	9162812,127	962,417
100	24M	453404,305	9162845,684	961,456
101	24M	453403,083	9162876,132	961,456
102	24M	453403,568	9162919,018	961,456
103	24M	453404,470	9162952,192	961,456
104	24M	453403,739	9162981,621	960,975





Jatobá1.txt

105	24M	453404,276	9163018,715	960,975
106	24M	453404,449	9163050,351	960,975
107	24M	453404,366	9163087,472	960,975
108	24M	453404,173	9163125,066	960,975
109	24M	453402,881	9163160,202	960,494
110	24M	453403,371	9163198,269	960,494
111	24M	453404,738	9163237,773	960,494
112	24M	453406,963	9163279,697	960,014
113	24M	453409,308	9163321,398	959,053
114	24M	453411,717	9163364,331	959,053
115	24M	453414,327	9163408,516	958,572
116	24M	453417,206	9163453,294	958,572
117	24M	453418,942	9163483,596	958,091
118	24M	453420,568	9163513,695	957,611
119	24M	453421,964	9163543,108	957,130
120	24M	453423,531	9163586,393	957,130
121	24M	453426,125	9163628,771	956,649
122	24M	453428,169	9163665,792	955,207
123	24M	453421,264	9163692,463	954,726
124	24M	453385,961	9163692,160	954,246
125	24M	453355,209	9163690,564	954,246
126	24M	453325,324	9163690,396	954,726
127	24M	453289,829	9163688,101	954,726
128	24M	453256,691	9163676,902	955,207
129	24M	453226,357	9163662,640	955,688
130	24M	453195,429	9163660,701	956,169
131	24M	453158,528	9163658,941	956,169
132	24M	453124,669	9163656,953	956,649
133	24M	453092,298	9163655,707	956,649
134	24M	453057,523	9163654,497	956,649
135	24M	453024,216	9163655,993	957,130
136	24M	452993,852	9163654,212	957,130
137	24M	452959,842	9163655,504	957,611
138	24M	452928,301	9163675,155	958,091
139	24M	452903,293	9163698,963	958,572
140	24M	452882,608	9163718,643	959,533
141	24M	452850,746	9163736,144	959,533
142	24M	452815,662	9163747,275	959,533
143	24M	452785,231	9163748,181	959,053
144	24M	452752,650	9163744,693	959,053
145	24M	452718,306	9163737,413	959,053
146	24M	452683,989	9163721,098	959,053
147	24M	452649,549	9163698,778	959,053
148	24M	452623,344	9163680,201	959,533
149	24M	452595,685	9163664,125	959,533
150	24M	452557,205	9163650,956	960,014
151	24M	452528,223	9163645,405	960,014
152	24M	452501,645	9163629,959	960,014
153	24M	452481,338	9163603,613	960,494
154	24M	452458,745	9163579,433	960,014
155	24M	452427,753	9163567,124	960,494
156	24M	452389,982	9163557,052	960,975

...  
FLS 232  
4

Jatobá1.txt

157	24M	452355,334	9163548,390	961,456
158	24M	452352,523	9163520,412	961,456
159	24M	452362,110	9163484,811	961,937
160	24M	452370,451	9163457,048	960,975
161	24M	452378,868	9163426,236	961,456
162	24M	452388,575	9163390,162	961,456
163	24M	452398,475	9163356,489	962,417
164	24M	452408,435	9163317,700	963,378
165	24M	452416,399	9163286,749	964,820
166	24M	452424,003	9163255,195	966,262
167	24M	452432,643	9163223,327	967,704
168	24M	452440,875	9163192,423	967,224
169	24M	452448,581	9163161,592	967,704
170	24M	452456,934	9163129,168	967,704
171	24M	452465,947	9163094,372	968,185
172	24M	452475,498	9163058,298	968,666
173	24M	452484,695	9163023,364	968,185
174	24M	452493,699	9162988,077	968,185
175	24M	452501,889	9162953,169	968,185
176	24M	452509,594	9162922,505	968,185
177	24M	452517,970	9162886,421	968,666
178	24M	452528,177	9162850,190	967,704
179	24M	452535,614	9162819,173	968,185
180	24M	452544,114	9162788,816	968,185
181	24M	452550,782	9162758,920	967,704
182	24M	452560,929	9162727,257	967,704
183	24M	452565,361	9162696,840	967,704
184	24M	452575,033	9162658,635	967,704
185	24M	452584,725	9162619,772	967,704
186	24M	452593,355	9162588,052	967,704
187	24M	452601,552	9162555,424	967,704
188	24M	452609,712	9162522,416	967,704
189	24M	452617,991	9162491,150	967,704
190	24M	452625,744	9162458,494	967,224
191	24M	452631,866	9162429,088	966,743
192	24M	452640,770	9162392,272	966,262
193	24M	452649,441	9162356,939	966,262
194	24M	452656,897	9162324,857	965,782
195	24M	452666,283	9162295,732	965,301
196	24M	452675,446	9162258,769	965,301
197	24M	452682,483	9162220,792	965,301
198	24M	452690,604	9162189,749	964,820
199	24M	452698,552	9162156,249	964,340
200	24M	452707,056	9162120,906	963,859
201	24M	452715,060	9162086,916	963,378
202	24M	452724,460	9162052,964	962,417
203	24M	452732,047	9162019,798	961,937
204	24M	452739,587	9161987,113	960,494
205	24M	452749,317	9161956,145	959,533
206	24M	452758,659	9161924,713	958,572
207	24M	452766,901	9161892,938	957,611
208	24M	452772,601	9161860,789	956,649



Jatobá1.txt

209	24M	452780,657	9161829,421	955,688
210	24M	452791,199	9161800,279	955,207
211	24M	452804,282	9161762,504	953,765
212	24M	452813,463	9161734,853	953,284
213	24M	452826,537	9161697,401	951,362
214	24M	452837,623	9161669,400	950,401
215	24M	452855,084	9161637,819	949,920
216	24M	452878,694	9161614,379	950,881
217	24M	452904,904	9161588,830	951,843
218	24M	452937,066	9161565,770	952,804
219	24M	452963,324	9161548,523	953,765
220	24M	452989,048	9161527,856	954,726
221	24M	453014,165	9161505,095	954,246
222	24M	453036,443	9161481,673	954,246
223	24M	453057,437	9161457,934	954,726
224	24M	453078,825	9161427,858	954,246
225	24M	453103,263	9161408,487	954,726
226	24M	453135,096	9161399,484	955,688
227	24M	453164,489	9161390,895	955,688
228	24M	453197,832	9161380,308	955,688
229	24M	453235,458	9161367,242	955,688
230	24M	453260,586	9161351,227	955,207
231	24M	453288,964	9161329,868	954,246
232	24M	453313,536	9161306,105	953,765
233	24M	453339,861	9161276,561	953,284
234	24M	453362,498	9161253,973	952,323
235	24M	453385,211	9161230,718	951,362
236	24M	453409,885	9161206,483	951,362
237	24M	453433,795	9161178,438	950,881
238	24M	453455,156	9161156,414	950,401
239	24M	453479,689	9161134,495	949,920
240	24M	453504,225	9161108,999	949,439
241	24M	453528,616	9161089,832	948,959
242	24M	453557,805	9161071,606	948,478
243	24M	453589,186	9161052,501	947,997
244	24M	453620,687	9161034,036	947,036
245	24M	453649,032	9161017,866	946,075
246	24M	453682,569	9160996,845	945,594
247	24M	453708,787	9160981,470	945,594
248	24M	453736,301	9160965,067	945,113
249	24M	453764,647	9160948,563	944,633
250	24M	453790,587	9160933,512	944,152
251	24M	453814,446	9160948,000	945,113
252	24M	453834,970	9160979,182	944,152
253	24M	453853,684	9161007,797	944,152
254	24M	453872,037	9161036,855	943,671
255	24M	453892,986	9161068,983	943,191
256	24M	453916,237	9161100,224	942,710
257	24M	453933,677	9161127,169	942,710
258	24M	453951,634	9161154,643	942,230
259	24M	453969,794	9161182,802	941,749
260	24M	453988,333	9161210,795	941,268

FLS 234  
47

Jatobá1.txt

261	24M	454006,623	9161238,621	940,787
262	24M	454021,715	9161264,582	940,307
263	24M	454037,858	9161294,815	940,307
264	24M	454057,719	9161313,756	939,826
265	24M	454094,056	9161313,337	939,826
266	24M	454128,164	9161304,780	939,345
267	24M	454165,263	9161291,471	938,865
268	24M	454202,379	9161279,034	938,384
269	24M	454233,111	9161271,882	937,903
270	24M	454264,546	9161263,545	937,423
271	24M	454296,242	9161252,919	936,942
272	24M	454328,604	9161243,118	936,942
273	24M	454360,492	9161235,226	936,942
274	24M	454392,336	9161234,441	936,461
275	24M	454423,792	9161243,181	936,942
276	24M	454456,115	9161254,545	936,942
277	24M	454488,420	9161264,815	935,981
278	24M	454525,571	9161274,320	935,500
279	24M	454562,662	9161288,014	935,020
280	24M	454594,304	9161295,791	934,539
281	24M	454627,916	9161303,180	934,058
282	24M	454660,180	9161308,743	934,058
283	24M	454692,398	9161313,508	933,577
284	24M	454724,054	9161315,762	933,577
285	24M	454755,933	9161317,229	933,097
286	24M	454790,147	9161323,164	933,097
287	24M	454824,490	9161330,229	932,616
288	24M	454859,664	9161337,574	932,136
289	24M	454896,088	9161344,234	931,655
290	24M	454932,317	9161350,374	930,694
291	24M	454968,131	9161356,116	930,213
292	24M	455002,503	9161361,523	929,732
293	24M	455034,529	9161364,073	929,252
294	24M	455062,155	9161365,767	929,252
295	24M	455095,616	9161366,382	928,771
296	24M	455128,783	9161364,736	928,771
297	24M	455160,005	9161367,508	928,290
298	24M	455191,166	9161374,636	927,810
299	24M	455228,829	9161381,037	927,810
300	24M	455264,080	9161386,213	927,329
301	24M	455299,354	9161395,225	927,329
302	24M	455333,249	9161407,034	926,848
303	24M	455366,468	9161418,379	926,368
304	24M	455399,701	9161425,777	925,406
305	24M	455431,541	9161430,190	924,926
306	24M	455463,872	9161432,462	924,445
307	24M	455496,202	9161436,115	923,964
308	24M	455529,607	9161437,768	923,484
309	24M	455563,634	9161436,521	923,003
310	24M	455595,548	9161430,564	922,522
311	24M	455626,767	9161425,803	922,042
312	24M	455657,966	9161422,783	921,080

FLS 235  
47

Jatobá1.txt

313	24M	455697,375	9161420,558	920,119
314	24M	455736,030	9161413,162	919,158
315	24M	455773,367	9161402,105	918,196
316	24M	455809,074	9161393,391	917,716
317	24M	455837,395	9161383,140	918,196
318	24M	455845,728	9161380,516	918,677

*[Handwritten signature]*



Jatobá2.txt

1	24M	456154,012	9161319,484	906,660
2	24M	456190,375	9161321,093	908,583
3	24M	456222,764	9161320,900	908,583
4	24M	456259,197	9161327,364	909,064
5	24M	456288,025	9161338,612	908,583
6	24M	456322,277	9161354,248	909,545
7	24M	456350,781	9161366,246	909,545
8	24M	456378,370	9161377,845	910,987
9	24M	456408,329	9161385,220	910,987
10	24M	456440,149	9161391,625	909,545
11	24M	456473,899	9161399,671	909,064
12	24M	456508,663	9161411,350	909,064
13	24M	456542,246	9161429,459	907,622
14	24M	456576,392	9161450,340	907,622
15	24M	456610,325	9161470,645	908,103
16	24M	456643,020	9161490,338	908,583
17	24M	456673,757	9161507,240	909,064
18	24M	456710,939	9161513,426	908,103
19	24M	456746,945	9161511,550	907,141
20	24M	456778,959	9161507,669	905,219
21	24M	456812,920	9161507,292	905,699
22	24M	456850,964	9161510,884	903,777
23	24M	456882,658	9161513,387	902,815
24	24M	456915,211	9161515,649	902,335
25	24M	456954,831	9161515,555	901,373
26	24M	456990,627	9161510,741	901,373
27	24M	457020,129	9161503,030	901,854
28	24M	457048,950	9161491,186	902,815
29	24M	457081,172	9161481,466	903,296
30	24M	457111,224	9161479,659	903,296
31	24M	457143,352	9161481,689	903,777
32	24M	457171,893	9161484,013	905,219
33	24M	457205,082	9161488,814	906,180
34	24M	457243,282	9161493,880	906,660
35	24M	457275,344	9161497,384	907,141
36	24M	457308,554	9161499,572	908,103
37	24M	457341,880	9161496,961	908,583
38	24M	457375,633	9161490,792	909,545
39	24M	457409,858	9161485,763	909,545
40	24M	457444,808	9161485,312	909,064
41	24M	457478,933	9161488,011	908,583
42	24M	457513,788	9161491,610	909,064
43	24M	457547,860	9161491,566	909,064
44	24M	457579,634	9161486,572	909,545
45	24M	457610,020	9161482,262	909,064
46	24M	457640,046	9161477,665	909,064
47	24M	457671,293	9161472,503	909,064
48	24M	457703,457	9161465,424	909,545
49	24M	457736,056	9161457,864	910,025
50	24M	457767,959	9161453,426	910,506
51	24M	457799,435	9161451,443	910,025
52	24M	457831,224	9161450,071	910,506



Jatobá2.txt

53	24M	457863,338	9161447,626	910,025
54	24M	457896,765	9161444,662	910,506
55	24M	457928,527	9161441,966	910,506
56	24M	457961,256	9161444,367	911,948
57	24M	457995,414	9161451,745	912,909
58	24M	458028,249	9161460,039	911,948
59	24M	458062,342	9161467,732	911,467
60	24M	458095,575	9161464,277	911,467
61	24M	458132,225	9161456,109	911,467
62	24M	458169,868	9161442,455	911,948
63	24M	458198,938	9161431,120	911,948
64	24M	458231,316	9161422,632	912,909
65	24M	458265,919	9161418,196	913,390
66	24M	458300,410	9161414,714	913,390
67	24M	458334,965	9161411,362	913,870
68	24M	458363,124	9161406,364	912,909
69	24M	458359,907	9161372,929	912,909
70	24M	458348,159	9161337,197	912,429
71	24M	458337,741	9161302,782	912,909
72	24M	458327,043	9161270,738	912,909
73	24M	458315,369	9161235,451	912,909
74	24M	458304,075	9161197,496	913,390
75	24M	458295,128	9161162,239	913,870
76	24M	458287,459	9161135,017	913,870
77	24M	458278,694	9161103,189	913,870
78	24M	458268,846	9161072,369	913,870
79	24M	458258,553	9161043,486	914,351
80	24M	458245,532	9161014,712	914,351
81	24M	458226,721	9160987,620	914,351
82	24M	458207,438	9160962,278	914,832
83	24M	458191,229	9160931,240	914,832
84	24M	458182,924	9160902,600	914,832
85	24M	458173,409	9160870,891	914,832
86	24M	458165,555	9160834,375	915,313
87	24M	458157,801	9160797,914	915,793
88	24M	458151,929	9160768,099	915,793
89	24M	458143,730	9160733,455	916,754
90	24M	458127,929	9160701,009	916,754
91	24M	458111,198	9160665,031	917,235
92	24M	458098,419	9160634,719	917,235
93	24M	458084,080	9160601,385	917,716
94	24M	458068,597	9160565,659	918,196
95	24M	458052,689	9160529,117	918,677
96	24M	458038,029	9160493,141	919,158
97	24M	458022,849	9160458,750	919,158
98	24M	458007,799	9160425,164	919,158
99	24M	457993,839	9160392,247	919,638
100	24M	457981,586	9160363,437	920,119
101	24M	457979,908	9160326,407	920,600
102	24M	457984,703	9160287,474	921,561
103	24M	457990,590	9160248,699	922,042
104	24M	457998,948	9160217,803	923,003

FLS 238  
47

Jatobá2.txt

105	24M	457996,183	9160186,166	923,484
106	24M	457991,745	9160154,740	923,964
107	24M	457986,643	9160121,200	924,926
108	24M	457982,140	9160090,793	925,887
109	24M	457979,727	9160058,785	926,368
110	24M	457974,588	9160025,616	926,848
111	24M	457968,938	9159984,487	926,848
112	24M	457964,881	9159949,865	926,848
113	24M	457961,012	9159913,639	927,329
114	24M	457957,761	9159877,099	927,810
115	24M	457954,437	9159840,976	927,810
116	24M	457950,503	9159804,389	928,290
117	24M	457946,403	9159767,144	928,771
118	24M	457941,268	9159728,971	929,252
119	24M	457933,766	9159690,546	929,732
120	24M	457925,680	9159654,511	930,694
121	24M	457919,236	9159622,685	931,174
122	24M	457916,953	9159591,372	931,655
123	24M	457916,056	9159559,986	932,136
124	24M	457915,253	9159527,071	932,616
125	24M	457914,084	9159489,755	933,577
126	24M	457912,084	9159451,075	933,577
127	24M	457910,623	9159419,309	934,058
128	24M	457908,943	9159384,966	934,539
129	24M	457907,283	9159348,807	935,500
130	24M	457905,809	9159311,157	935,981
131	24M	457903,921	9159271,412	936,461
132	24M	457901,850	9159229,368	936,942
133	24M	457899,641	9159186,797	937,423
134	24M	457897,308	9159147,820	937,903
135	24M	457895,950	9159115,526	938,384
136	24M	457877,219	9159093,817	937,903
137	24M	457844,426	9159092,546	937,903
138	24M	457804,680	9159091,269	937,423
139	24M	457771,869	9159089,878	936,942
140	24M	457736,439	9159090,801	936,942
141	24M	457699,706	9159090,704	936,942
142	24M	457664,508	9159089,820	936,942
143	24M	457628,201	9159089,464	936,942
144	24M	457591,579	9159090,061	936,461
145	24M	457554,079	9159089,537	935,981
146	24M	457516,080	9159088,956	936,461
147	24M	457477,674	9159088,209	935,981
148	24M	457437,272	9159087,357	935,981
149	24M	457395,214	9159086,968	935,500
150	24M	457352,444	9159086,457	935,020
151	24M	457310,441	9159086,456	934,539
152	24M	457267,782	9159086,298	934,058
153	24M	457223,939	9159086,611	934,058
154	24M	457179,449	9159086,589	933,577
155	24M	457135,431	9159086,476	933,097
156	24M	457093,252	9159086,762	933,097



FLS 239  
97

Jatobá2.txt

157	24M	457055,041	9159085,866	932,616
158	24M	457026,269	9159085,247	932,616
159	24M	456995,909	9159082,097	932,136
160	24M	456961,377	9159081,436	931,655
161	24M	456923,813	9159080,688	932,136
162	24M	456885,212	9159080,968	932,616
163	24M	456848,450	9159082,362	932,616
164	24M	456811,032	9159083,774	932,616
165	24M	456773,308	9159086,019	933,097
166	24M	456734,131	9159089,579	933,097
167	24M	456695,471	9159093,834	933,097
168	24M	456658,410	9159098,406	933,097
169	24M	456621,210	9159104,210	933,097
170	24M	456584,176	9159109,282	933,097
171	24M	456548,346	9159112,919	933,097
172	24M	456513,478	9159115,686	933,097
173	24M	456478,257	9159121,482	932,616
174	24M	456446,954	9159127,607	932,616
175	24M	456412,607	9159137,435	931,655
176	24M	456380,317	9159152,102	931,174
177	24M	456342,228	9159169,006	931,174
178	24M	456310,636	9159178,753	930,694
179	24M	456277,079	9159183,949	931,174
180	24M	456244,956	9159188,135	930,694
181	24M	456208,291	9159204,355	930,213
182	24M	456184,446	9159225,145	929,732
183	24M	456152,051	9159243,797	930,213
184	24M	456120,285	9159251,069	929,732
185	24M	456081,091	9159252,266	929,732
186	24M	456048,036	9159254,645	929,732
187	24M	456017,392	9159259,055	930,213
188	24M	455979,716	9159258,650	929,732
189	24M	455948,540	9159258,195	929,732
190	24M	455916,301	9159257,979	929,732
191	24M	455887,097	9159263,901	929,732
192	24M	455857,036	9159277,847	929,732
193	24M	455828,193	9159294,482	929,252
194	24M	455807,471	9159317,063	929,252
195	24M	455794,249	9159347,232	928,771
196	24M	455781,376	9159381,005	928,771
197	24M	455767,484	9159416,334	928,290
198	24M	455753,805	9159450,848	927,810
199	24M	455740,135	9159486,159	927,329
200	24M	455727,186	9159521,201	926,848
201	24M	455713,137	9159555,909	926,368
202	24M	455700,217	9159589,840	925,887
203	24M	455687,178	9159622,650	925,406
204	24M	455675,098	9159657,684	925,406
205	24M	455661,799	9159691,586	924,926
206	24M	455645,648	9159720,408	924,926
207	24M	455626,367	9159744,557	924,926
208	24M	455605,404	9159767,333	924,926

*[Handwritten signature]*

F.S. 240  
47

Jatobá2.txt

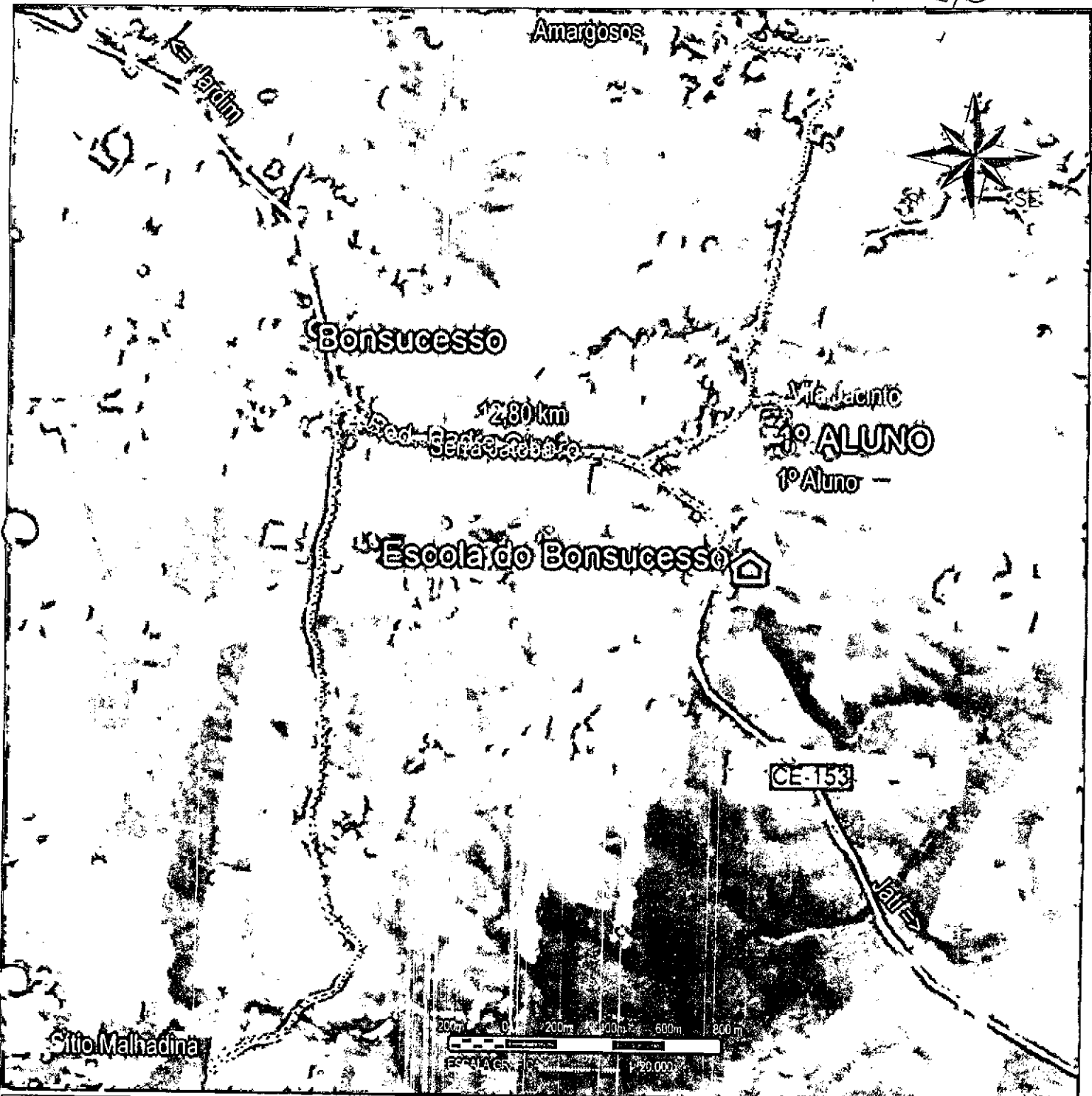
209	24M	455583,885	9159791,350	924,926
210	24M	455559,614	9159812,019	924,926
211	24M	455533,069	9159832,408	924,926
212	24M	455505,848	9159853,446	924,445
213	24M	455480,268	9159870,027	924,445
214	24M	455450,779	9159885,132	923,964
215	24M	455422,222	9159900,700	923,964
216	24M	455392,039	9159916,332	923,964
217	24M	455358,109	9159933,425	923,964
218	24M	455322,209	9159951,609	923,964
219	24M	455287,836	9159968,062	923,964
220	24M	455260,768	9159983,799	924,445
221	24M	455232,092	9159998,894	924,445
222	24M	455201,315	9160016,444	924,445
223	24M	455167,587	9160035,019	924,445
224	24M	455133,979	9160053,845	924,926
225	24M	455107,190	9160068,016	925,406
226	24M	455079,625	9160080,898	925,887
227	24M	455050,682	9160095,215	927,329
228	24M	455021,781	9160102,851	926,848
229	24M	454992,574	9160112,535	925,887
230	24M	454957,698	9160122,528	925,887
231	24M	454924,501	9160127,371	926,368
232	24M	454891,433	9160132,260	926,848
233	24M	454876,914	9160155,654	926,848
234	24M	454885,811	9160191,940	926,848
235	24M	454893,067	9160223,795	926,848
236	24M	454901,032	9160258,617	926,368
237	24M	454909,133	9160295,903	926,368
238	24M	454917,658	9160334,542	925,887
239	24M	454926,377	9160373,655	925,887
240	24M	454934,958	9160412,443	925,406
241	24M	454943,630	9160451,620	924,926
242	24M	454952,404	9160491,418	924,926
243	24M	454961,326	9160531,355	924,445
244	24M	454970,053	9160571,691	924,445
245	24M	454978,633	9160610,988	924,445
246	24M	454986,174	9160644,410	924,445
247	24M	454990,985	9160670,342	923,964
248	24M	454998,869	9160702,828	923,964
249	24M	455006,344	9160738,548	923,964
250	24M	455014,346	9160772,405	924,445
251	24M	455021,840	9160806,818	923,964
252	24M	455029,946	9160839,925	923,964
253	24M	455036,951	9160872,772	923,964
254	24M	455045,553	9160908,502	923,484
255	24M	455053,982	9160941,665	923,484
256	24M	455061,477	9160974,661	923,484
257	24M	455068,954	9161007,276	923,003
258	24M	455077,061	9161039,419	923,003
259	24M	455082,785	9161068,206	923,484
260	24M	455092,211	9161102,945	923,484

FLS 241  
4

Jatobá2.txt


261	24M	455101,956	9161143,022	923,003
262	24M	455110,751	9161180,031	923,003
263	24M	455120,219	9161219,098	923,003
264	24M	455126,783	9161249,609	923,003
265	24M	455134,437	9161281,011	923,003
266	24M	455141,428	9161309,224	923,003
267	24M	455145,107	9161340,548	923,003
268	24M	455158,368	9161367,868	924,445
269	24M	455191,970	9161375,544	924,926
270	24M	455229,272	9161381,695	924,926
271	24M	455260,353	9161386,811	925,406
272	24M	455293,242	9161395,701	926,368
273	24M	455325,307	9161406,656	926,368
274	24M	455353,497	9161417,626	925,887
275	24M	455383,086	9161425,975	925,406
276	24M	455413,584	9161431,229	924,926
277	24M	455444,437	9161432,870	924,445
278	24M	455475,325	9161435,892	923,964
279	24M	455512,712	9161439,930	923,003
280	24M	455543,688	9161438,532	921,561
281	24M	455582,793	9161434,741	921,080
282	24M	455620,911	9161429,050	920,600
283	24M	455650,297	9161426,844	919,638
284	24M	455688,792	9161423,590	917,235
285	24M	455729,999	9161416,372	915,793
286	24M	455765,079	9161405,962	914,832
287	24M	455798,086	9161397,365	914,351
288	24M	455827,589	9161388,682	913,390
289	24M	455845,414	9161380,145	913,870

*[Handwritten signature]*



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
2/	1	1	Vila Jacinto/Sítio Amargosos/Sítio Mahadinha/Bonsucesso (EF Manoel José de Sousa)	UTM Z 24M E(X)477862,83; N(Y)9155816,93	UTMZ-24M E(X)477621,79, N(Y)9155378,32	51,18	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODESIA LTDA. (88) 99688-8559/99652-4881 cle.vilandalencar@gmail.com	LEVANTAMENTO:  <div style="text-align: center;">                       CLEVLAND ALENCAR DE OLIVEIRA                      TEC. CONS. CIVIL TOPO. ESTRADAS                      CREA RNP 060784563-5                 </div>	PRANCHA <b>1 / 2</b>
	LOCAL: SÍTIO BONSUCESSO (rota 27) - JARDIM - CE PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)	
CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO BONSUCESSO		
PERCURSO UNITÁRIO : 12,80 km	DATA: ABRIL / 2018	ESCALA: 1 : 20.000

243  
47

Vila Jacinto

12,80 km

Escola do Bonussesso

27	1	1	Vila Jacinto/Sítio Amargosos/Sítio Mahadilha/Bonsucesso de EF Emanuel José de Sousa)	UTM Z 24M E(X)477862,83; N(Y)9155816,93	UTM Z 24M E(X)477621,79; N(Y)9155378,32	51,18	Carroçável	Van	22
----	---	---	--	---	---	-------	------------	-----	----

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**

TOPOGRAFIA E GEODESIA LTDA.

(88) 99688-8559/99652-4881  
clevilandalencar@gmail.com

CLEVLAND ALENCAR DE OLIVEIRA  
TÉCNICO CIVIL TOPO E STRADAS  
CREA: NIP 0807/84583-5

LEVANTAMENTO: LOCAL: SÍTIO BONSSUCCESSO (rota 27) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

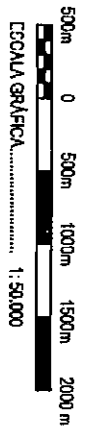
PRANCHAS: 212

CONTEÚDO: PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO BONSSUCCESSO

PERCUCION UNITÁRIO : 12,80 km

DATA: ABRIL / 2018

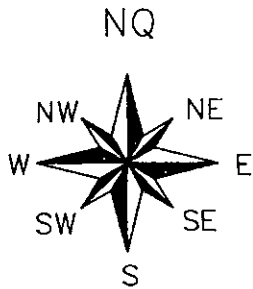
ESCALA: 1 : 50.000



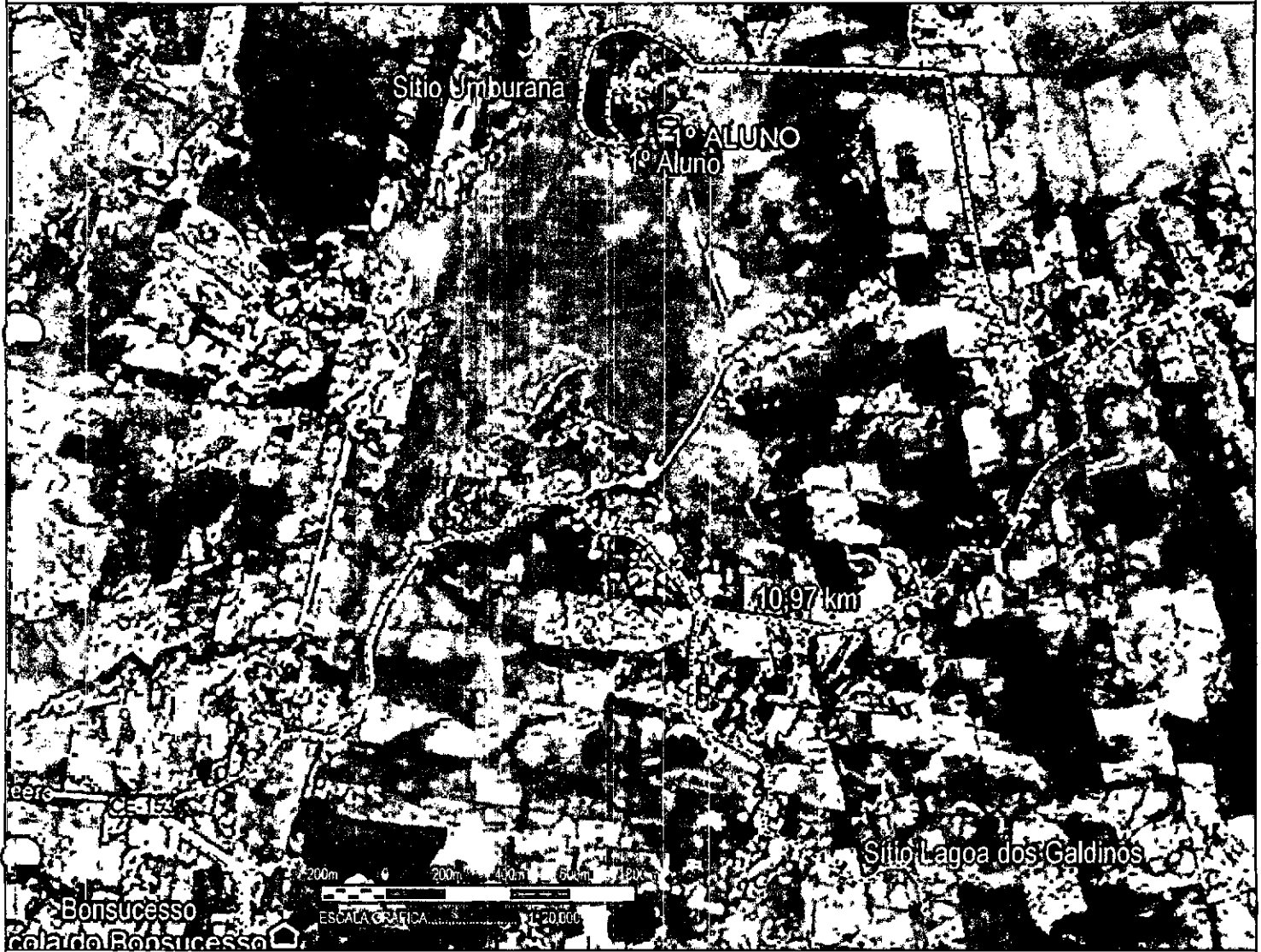
F.S. 244  
47

Bonsucesso1.txt

1	24M	477863,936	9155814,991	577,890
2	24M	477814,233	9155822,085	574,525
3	24M	477849,665	9155966,802	574,044
4	24M	477724,226	9155978,605	574,044
5	24M	477700,470	9156168,366	574,044
6	24M	477932,014	9157012,960	579,812
7	24M	478050,242	9157250,230	585,100
8	24M	477697,566	9157314,114	587,503
9	24M	477650,245	9157285,626	587,983
10	24M	478012,361	9157278,678	587,022
11	24M	478050,251	9157228,880	586,542
12	24M	477932,020	9157001,099	580,774
13	24M	477707,578	9156151,764	576,448
14	24M	477714,754	9155988,089	573,083
15	24M	477657,990	9155912,153	571,641
16	24M	477319,632	9155748,315	575,486
17	24M	476424,987	9155833,277	583,658
18	24M	476197,729	9155947,027	587,983
19	24M	476089,273	9155128,579	608,171
20	24M	476141,524	9154760,921	605,768
21	24M	476096,753	9154374,237	624,033
22	24M	476177,365	9154080,130	615,862
23	24M	476288,654	9153961,578	610,575
24	24M	476210,634	9153807,349	611,055
25	24M	476073,410	9153733,743	591,829
26	24M	475990,635	9153624,582	597,597
27	24M	475893,614	9153607,928	602,884
28	24M	475739,848	9153489,241	614,420
29	24M	475886,518	9153600,808	607,691
30	24M	475985,904	9153619,835	601,923
31	24M	476097,066	9153752,732	597,597
32	24M	476194,075	9153793,108	610,094
33	24M	476288,664	9153942,601	614,420
34	24M	476182,102	9154073,016	613,939
35	24M	476099,123	9154367,122	625,956
36	24M	476141,519	9154770,410	611,536
37	24M	476089,246	9155183,139	606,249
38	24M	476195,362	9155947,026	588,945
39	24M	476436,824	9155826,166	585,580
40	24M	477284,132	9155748,298	580,774
41	24M	477575,325	9155553,919	583,658
42	24M	477613,277	9155371,281	597,116



245  
4/7



ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
28	1	1	Sítio Umburana/Sítio Lagoa dos Galdinos/Bonsucesso(EEF Ema noel José de Souza)	UTM Z-24M E(X)478871,81; N(Y)9158048,76	UTM Z-24M E(X)477610,87; N(Y)9155375,05	43,87	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevilandalencar@gmail.com	LEVANTAMENTO:	 CLEVLAND ALENCAR DE OLIVEIRA TEC. CONS. CIVIL TOPO. ESTRADAS CREA: RNP 060784563-5	
	LOCAL: SÍTIO BONSUCESSO (rota 28) - JARDIM - CE PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)	PRANCHA: <b>1 / 2</b>	
CONTEÚDO:	PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO BONSUCESSO		
PERCURSO UNITÁRIO : 10,97 km	DATA:	ABRIL / 2018	
		ESCALA:	1 : 20.000

FLS 246  
47

Sítio Uruburana

10,97 km

Escola do Bonsucesso

28	1	1	Sítio Uruburana/Sítio Lagoa dos Galdinos/Bonsucesso (EEF Emanuel José de Souza)	UM 2-24M E(X)478871,81, N(Y)9158048,76	UM 2-24M E(X)77610,07; N(Y)9155375,05	43,87	Cotocóvel	Vcm	22
----	---	---	--	--	---	-------	-----------	-----	----

LEVANTAMENTO PLANIMÉTRICO

TOPOGEO  
TOPOGRAFIA E  
GEODESIA

L.TDA.  
(88)

99688-8559/99652-4881  
clevilandalencar@gmail.com

CLEVLAND ALENGAR DE OLIVEIRA  
TEC. CONG. CIVIL TOPO. ESTRADAS  
CRECA RNP 080784583-5

LEVANTAMENTO:  
LOCAL: SÍTIO BONSUCESSO (rota 28) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHA:  
212

CONTEUDO:

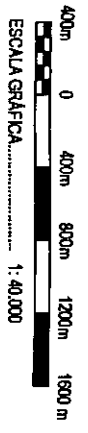
PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO BONSUCESSO

PERCUI UNITÁRIO : 10,97 km

DATA:

ABRIL / 2018

ESCALA: 1 : 40.000

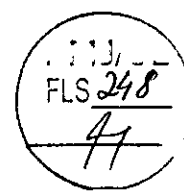




131-  
FLS 247  
97

Bonsucesso2.txt

1	24M	477621,206	9155378,531	597,597
2	24M	477605,347	9155387,475	599,519
3	24M	477606,311	9155422,113	598,077
4	24M	477606,989	9155454,063	596,636
5	24M	477607,205	9155485,021	594,713
6	24M	477598,277	9155519,589	590,867
7	24M	477576,185	9155551,955	585,580
8	24M	477554,330	9155573,304	581,735
9	24M	477529,341	9155593,344	578,851
10	24M	477499,711	9155614,401	577,890
11	24M	477470,571	9155633,717	577,409
12	24M	477440,617	9155654,718	576,929
13	24M	477409,693	9155675,821	577,409
14	24M	477377,594	9155696,757	577,409
15	24M	477350,230	9155714,878	577,890
16	24M	477339,529	9155744,886	577,890
17	24M	477355,538	9155769,625	577,409
18	24M	477383,496	9155786,911	576,448
19	24M	477423,791	9155793,796	575,967
20	24M	477458,603	9155802,069	575,006
21	24M	477494,875	9155811,668	574,044
22	24M	477526,272	9155827,213	573,083
23	24M	477556,679	9155844,990	572,603
24	24M	477590,978	9155863,974	572,603
25	24M	477622,947	9155882,309	573,083
26	24M	477652,485	9155900,837	573,083
27	24M	477677,822	9155928,008	572,603
28	24M	477698,166	9155955,705	573,083
29	24M	477723,171	9155979,586	572,603
30	24M	477761,165	9155984,293	573,083
31	24M	477791,422	9155988,125	573,083
32	24M	477820,619	9155984,061	573,564
33	24M	477850,263	9155974,651	574,525
34	24M	477882,331	9155978,039	578,370
35	24M	477912,232	9155993,203	580,774
36	24M	477935,934	9156017,186	584,619
37	24M	477961,481	9156029,605	584,138
38	24M	477969,889	9156059,660	584,619
39	24M	477982,181	9156086,352	585,100
40	24M	477993,418	9156116,509	583,658
41	24M	478010,721	9156143,881	582,216
42	24M	478009,245	9156178,582	579,332
43	24M	478002,563	9156212,688	577,409
44	24M	477999,470	9156245,118	577,409
45	24M	478002,726	9156280,322	577,890
46	24M	478012,150	9156312,360	578,370
47	24M	478027,354	9156340,999	575,006
48	24M	478039,320	9156376,272	574,525
49	24M	478055,325	9156410,138	574,525
50	24M	478070,799	9156434,673	575,006
51	24M	478089,490	9156459,561	577,890
52	24M	478106,903	9156489,407	581,254



Bonsucesso2.txt

53	24M	478126,813	9156518,604	581,735
54	24M	478146,003	9156544,373	580,774
55	24M	478161,208	9156570,548	583,658
56	24M	478185,837	9156589,008	582,696
57	24M	478216,350	9156599,595	583,177
58	24M	478245,928	9156613,063	584,619
59	24M	478280,639	9156622,327	589,906
60	24M	478312,866	9156624,491	594,713
61	24M	478344,769	9156626,878	597,597
62	24M	478374,415	9156633,656	599,039
63	24M	478404,607	9156638,024	600,961
64	24M	478433,932	9156657,793	603,845
65	24M	478449,533	9156689,157	607,210
66	24M	478465,191	9156716,611	610,094
67	24M	478493,789	9156730,301	612,017
68	24M	478525,032	9156740,220	613,939
69	24M	478558,354	9156734,333	615,862
70	24M	478591,542	9156736,479	617,304
71	24M	478623,520	9156738,643	619,226
72	24M	478654,448	9156731,328	620,188
73	24M	478684,917	9156714,986	620,188
74	24M	478707,539	9156695,435	620,669
75	24M	478721,468	9156663,130	620,669
76	24M	478748,990	9156642,915	620,669
77	24M	478777,668	9156641,454	621,630
78	24M	478808,482	9156640,069	622,591
79	24M	478838,383	9156634,995	624,033
80	24M	478872,355	9156621,333	623,553
81	24M	478903,873	9156596,189	624,033
82	24M	478920,183	9156570,584	624,994
83	24M	478943,393	9156539,025	625,956
84	24M	478965,710	9156519,140	626,436
85	24M	478994,234	9156490,622	628,359
86	24M	479018,493	9156469,089	629,801
87	24M	479033,852	9156441,195	630,762
88	24M	479053,160	9156409,105	631,723
89	24M	479066,079	9156379,589	633,646
90	24M	479069,117	9156345,833	635,088
91	24M	479058,584	9156310,302	636,530
92	24M	479052,315	9156270,955	637,972
93	24M	479048,284	9156230,525	639,414
94	24M	479049,511	9156192,988	639,895
95	24M	479051,230	9156153,413	638,453
96	24M	479049,987	9156121,128	637,972
97	24M	479048,993	9156088,483	637,972
98	24M	479053,633	9156049,734	638,453
99	24M	479078,828	9156022,030	638,934
100	24M	479103,455	9156003,851	638,934
101	24M	479137,566	9155988,586	638,934
102	24M	479168,645	9155972,643	638,934
103	24M	479201,028	9155956,191	635,088
104	24M	479229,119	9155943,147	633,165

FLS 249  
A

Bonsucesso2.txt

105	24M	479260,541	9155924,610	630,762
106	24M	479284,040	9155906,394	628,840
107	24M	479298,643	9155874,126	627,878
108	24M	479302,780	9155841,742	627,398
109	24M	479304,007	9155805,308	627,398
110	24M	479303,172	9155770,726	626,917
111	24M	479290,484	9155736,232	627,398
112	24M	479278,860	9155702,044	625,956
113	24M	479296,139	9155680,109	625,475
114	24M	479326,549	9155669,586	623,553
115	24M	479356,341	9155658,054	626,436
116	24M	479386,438	9155646,299	627,878
117	24M	479418,083	9155625,510	625,956
118	24M	479446,048	9155604,849	624,514
119	24M	479472,754	9155588,960	627,398
120	24M	479501,253	9155572,098	628,840
121	24M	479530,808	9155553,134	629,320
122	24M	479562,283	9155539,285	628,840
123	24M	479594,709	9155528,457	627,398
124	24M	479632,232	9155533,014	624,994
125	24M	479655,168	9155554,410	623,072
126	24M	479678,021	9155577,076	620,669
127	24M	479712,883	9155575,914	617,784
128	24M	479744,233	9155574,472	615,381
129	24M	479764,248	9155551,010	617,784
130	24M	479785,115	9155525,536	621,630
131	24M	479794,707	9155491,710	624,994
132	24M	479797,753	9155459,437	628,840
133	24M	479797,840	9155429,674	627,878
134	24M	479802,395	9155436,940	626,436
135	24M	479797,538	9155464,968	627,878
136	24M	479791,994	9155502,077	627,878
137	24M	479777,218	9155531,491	624,994
138	24M	479754,437	9155556,954	620,669
139	24M	479728,883	9155582,435	615,862
140	24M	479698,902	9155582,450	614,420
141	24M	479666,215	9155577,265	617,304
142	24M	479646,906	9155547,244	621,149
143	24M	479621,749	9155530,832	622,110
144	24M	479590,253	9155529,549	624,514
145	24M	479559,574	9155539,654	626,917
146	24M	479527,747	9155553,846	627,398
147	24M	479494,290	9155575,764	626,436
148	24M	479467,446	9155591,144	625,475
149	24M	479438,068	9155609,469	622,591
150	24M	479408,798	9155631,232	623,072
151	24M	479382,204	9155646,769	625,956
152	24M	479351,977	9155659,219	625,475
153	24M	479319,412	9155671,640	623,553
154	24M	479286,532	9155683,524	623,553
155	24M	479279,686	9155716,055	624,994
156	24M	479293,022	9155747,556	625,956

FLS 250  
47

Bonsucesso2.txt

157	24M	479302,140	9155783,986	625,956
158	24M	479301,319	9155821,662	626,917
159	24M	479299,258	9155862,247	627,398
160	24M	479292,773	9155892,684	628,359
161	24M	479268,763	9155918,572	629,801
162	24M	479241,242	9155937,806	631,243
163	24M	479208,794	9155953,674	633,165
164	24M	479176,579	9155969,190	637,011
165	24M	479146,868	9155985,004	637,972
166	24M	479114,024	9155999,890	637,972
167	24M	479081,195	9156020,956	637,011
168	24M	479054,651	9156046,788	636,530
169	24M	479048,052	9156085,101	636,530
170	24M	479049,008	9156118,385	636,530
171	24M	479050,546	9156152,050	637,492
172	24M	479049,275	9156183,277	638,453
173	24M	479047,912	9156213,373	639,895
174	24M	479047,997	9156252,170	639,895
175	24M	479054,146	9156291,749	639,414
176	24M	479060,503	9156320,422	637,972
177	24M	479069,195	9156356,953	636,050
178	24M	479065,226	9156384,722	635,569
179	24M	479093,347	9156389,682	635,088
180	24M	479127,916	9156384,175	632,685
181	24M	479158,944	9156379,685	629,801
182	24M	479193,107	9156373,260	627,398
183	24M	479227,057	9156368,855	626,917
184	24M	479262,087	9156364,728	626,436
185	24M	479297,478	9156361,612	626,917
186	24M	479332,038	9156356,197	626,436
187	24M	479362,493	9156350,632	624,994
188	24M	479398,061	9156346,366	623,553
189	24M	479433,326	9156335,077	622,591
190	24M	479466,694	9156326,659	622,110
191	24M	479501,915	9156331,372	622,110
192	24M	479533,439	9156334,592	624,033
193	24M	479571,157	9156337,758	624,994
194	24M	479603,614	9156342,813	626,436
195	24M	479630,909	9156354,834	626,436
196	24M	479659,550	9156375,426	626,917
197	24M	479690,455	9156398,068	627,398
198	24M	479721,170	9156414,083	627,878
199	24M	479751,813	9156422,473	627,878
200	24M	479782,919	9156430,177	628,840
201	24M	479802,995	9156460,996	630,762
202	24M	479825,543	9156482,939	629,320
203	24M	479850,830	9156501,287	627,878
204	24M	479875,653	9156521,090	625,956
205	24M	479887,132	9156550,673	625,956
206	24M	479902,890	9156583,843	625,475
207	24M	479933,933	9156587,822	624,994
208	24M	479967,596	9156583,324	624,033

FLS 257  
4

Bonsucesso2.txt

209	24M	480007,066	9156576,799	623,553
210	24M	480045,688	9156584,357	624,514
211	24M	480063,879	9156614,517	625,956
212	24M	480079,629	9156643,277	627,878
213	24M	480095,906	9156674,613	630,282
214	24M	480104,381	9156703,351	631,243
215	24M	480115,026	9156737,890	630,762
216	24M	480130,859	9156768,716	630,762
217	24M	480148,097	9156800,414	632,204
218	24M	480172,120	9156833,421	633,646
219	24M	480199,483	9156861,194	635,088
220	24M	480227,792	9156880,479	637,492
221	24M	480258,053	9156899,756	639,895
222	24M	480287,360	9156919,774	643,259
223	24M	480308,603	9156947,285	644,701
224	24M	480309,780	9156986,120	643,740
225	24M	480301,927	9157018,326	641,817
226	24M	480296,200	9157051,071	640,376
227	24M	480302,603	9157081,133	641,337
228	24M	480316,254	9157113,784	642,779
229	24M	480316,371	9157143,917	644,701
230	24M	480308,408	9157174,418	643,740
231	24M	480295,703	9157201,230	641,337
232	24M	480276,880	9157223,053	638,934
233	24M	480243,390	9157211,197	638,453
234	24M	480211,954	9157196,988	639,414
235	24M	480178,575	9157182,926	640,376
236	24M	480146,436	9157168,319	642,298
237	24M	480125,961	9157184,702	643,259
238	24M	480119,180	9157217,205	643,740
239	24M	480113,730	9157249,700	644,221
240	24M	480101,997	9157275,399	644,701
241	24M	480065,499	9157270,964	646,624
242	24M	480045,050	9157290,535	648,546
243	24M	480038,492	9157320,916	651,430
244	24M	480027,468	9157350,535	654,795
245	24M	479999,921	9157364,933	657,679
246	24M	479989,637	9157394,006	659,602
247	24M	479988,099	9157425,918	658,160
248	24M	479978,230	9157457,410	653,353
249	24M	479970,998	9157486,076	649,989
250	24M	479964,631	9157521,767	646,143
251	24M	479957,525	9157557,661	643,259
252	24M	479950,493	9157593,426	642,298
253	24M	479944,662	9157630,664	643,259
254	24M	479937,767	9157668,996	645,663
255	24M	479931,133	9157705,316	647,585
256	24M	479924,997	9157742,388	648,066
257	24M	479919,797	9157773,529	646,624
258	24M	479915,290	9157805,338	644,701
259	24M	479909,951	9157837,981	642,779
260	24M	479904,779	9157869,669	640,376

FLS 252  
47

Bonsucesso2.txt

261	24M	479899,210	9157901,200	637,972
262	24M	479892,863	9157934,074	636,050
263	24M	479886,941	9157966,633	635,569
264	24M	479880,474	9158001,119	634,607
265	24M	479874,024	9158035,206	634,607
266	24M	479869,934	9158066,682	634,607
267	24M	479863,164	9158093,875	634,607
268	24M	479824,047	9158095,888	634,127
269	24M	479789,053	9158096,160	633,646
270	24M	479749,751	9158098,534	632,685
271	24M	479710,246	9158098,759	631,723
272	24M	479671,145	9158103,394	627,878
273	24M	479638,037	9158106,289	625,956
274	24M	479602,756	9158109,489	623,553
275	24M	479565,552	9158110,094	621,630
276	24M	479530,365	9158109,810	620,188
277	24M	479496,767	9158110,584	619,707
278	24M	479461,931	9158111,699	620,188
279	24M	479428,518	9158112,306	621,149
280	24M	479398,702	9158113,479	622,110
281	24M	479367,184	9158114,086	623,072
282	24M	479336,258	9158115,259	624,994
283	24M	479295,070	9158116,510	624,994
284	24M	479260,982	9158117,719	623,553
285	24M	479226,081	9158118,778	622,110
286	24M	479194,647	9158119,219	619,707
287	24M	479156,380	9158119,452	615,862
288	24M	479125,760	9158118,744	611,536
289	24M	479096,305	9158119,064	606,249
290	24M	479059,516	9158124,172	601,442
291	24M	479033,923	9158148,151	598,558
292	24M	479012,750	9158172,030	598,077
293	24M	478986,135	9158189,458	597,597
294	24M	478957,513	9158206,291	597,116
295	24M	478930,075	9158222,597	596,636
296	24M	478903,747	9158239,079	597,116
297	24M	478868,747	9158252,879	598,558
298	24M	478833,976	9158252,317	596,155
299	24M	478803,727	9158247,930	594,232
300	24M	478771,688	9158236,324	592,790
301	24M	478744,164	9158216,751	592,310
302	24M	478719,083	9158193,481	591,829
303	24M	478705,805	9158155,956	591,348
304	24M	478698,220	9158123,855	591,348
305	24M	478689,380	9158085,285	590,867
306	24M	478693,583	9158051,076	592,790
307	24M	478687,856	9158019,874	592,790
308	24M	478683,849	9157986,977	593,752
309	24M	478689,892	9157952,843	593,752
310	24M	478708,832	9157920,754	593,752
311	24M	478736,651	9157897,675	592,310
312	24M	478771,361	9157890,203	592,310

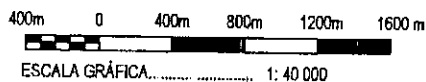
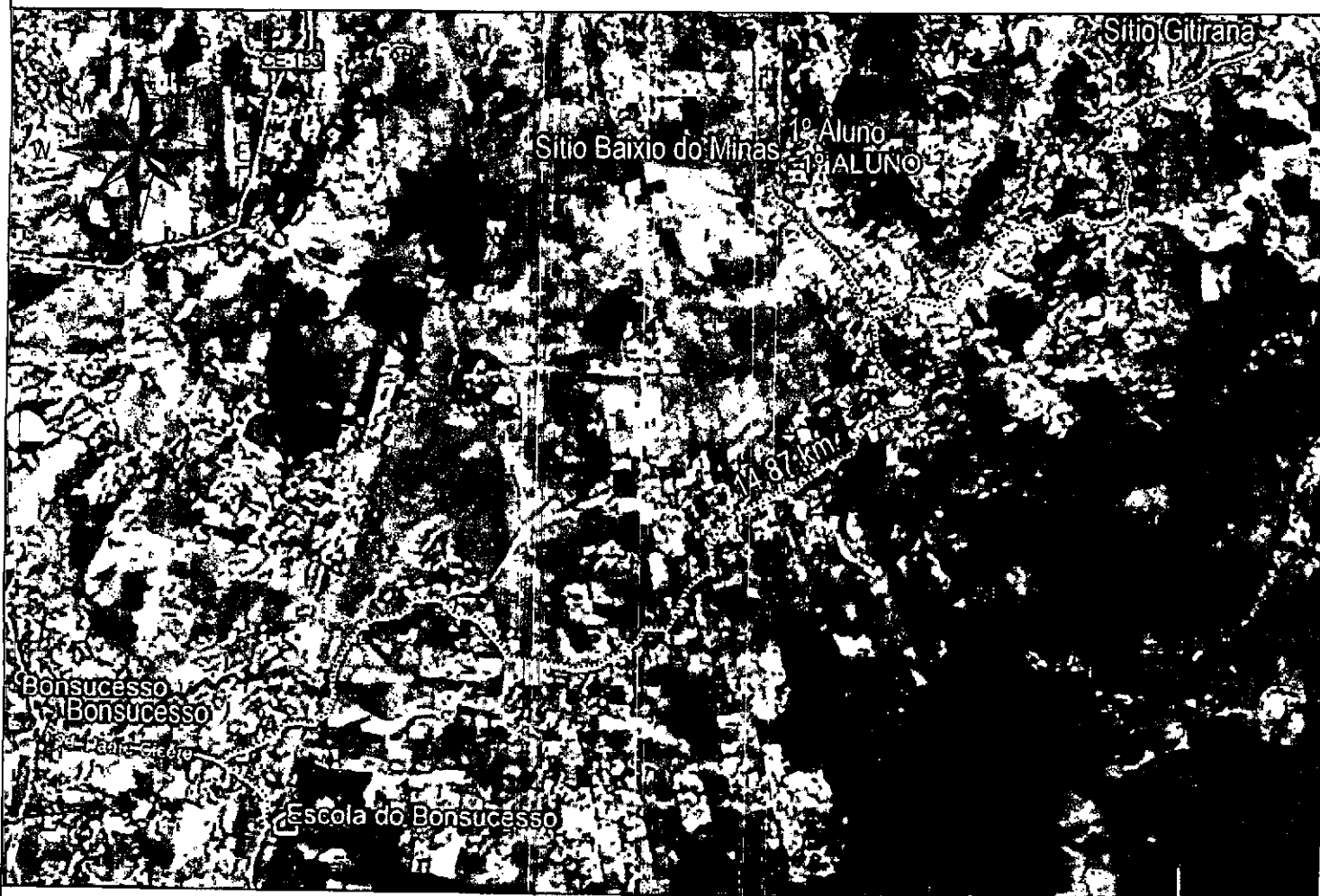
FLS 253  
A

Bonsucesso2.txt

313	24M	478805,763	9157889,950	594,232
314	24M	478828,507	9157889,292	597,597
315	24M	478808,729	9157914,988	598,077
316	24M	478783,803	9157936,345	601,442
317	24M	478773,815	9157964,871	606,729
318	24M	478775,484	9157995,979	609,133
319	24M	478778,253	9158026,660	614,900
320	24M	478785,404	9158057,900	619,226
321	24M	478816,529	9158067,727	621,630
322	24M	478845,919	9158067,981	623,553
323	24M	478870,418	9158049,051	625,475
324	24M	478874,261	9158055,984	624,514

*[Handwritten signature]*

254  
41



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
29	1	1	Sítio Baixio do Minas/Sítio Gilirana/Bonsucesso (EEF Emanoel José de Souza)	UTM Z-24M E(X)478871,81; N(Y)9158048,76	UTM Z-24M E(X)480622,71; N(Y)9159257,16	59,49	Carroçável	Micro-ônibus	29

**LEVANTAMENTO PLANIMETRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTDA.  
(88)  
99688-8559/99652-4881  
clevlandalencar@gmail.com

LEVANTAMENTO:

*Clevland Alencar de Oliveira*  
CLEVLAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO, ESTRADAS  
CREA: RNP 060784563-5

**LOCAL:** SÍTIO BONSUCCESSO (rota 29) - JARDIM - CE

**PROPRIETÁRIO:** PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHA.  
**1 / 2**

**CONTEÚDO:**

PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO BONSUCCESSO

**PERCURSO UNITÁRIO :** 14,87 km

**DATA:**

ABRIL / 2018

**ESCALA:** 1 : 40.000



255  
41

Sítio Baixo do Minas

14,87 km

Escola do Bonsucesso

29	1	1	Sítio Baixo do Minas/Sítio Girirana/Bonsucesso(EEF Emanuel José de Souza)	UTM Z-24M E(X)478871,81; N(Y)9158048,76	UTM Z-24M E(X)480622,71; N(Y)9159257,16	59,49	Carroçável	Marcô-ônibus	29
----	---	---	---	---	---	-------	------------	--------------	----

**LEVANTAMENTO PLANIMÉTRICO**

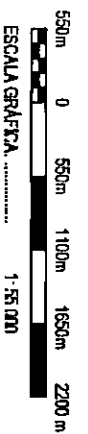
**TOPOGEO**  
**TOPOGRAFIA E**  
**GEODESIA**  
 LTDA.  
 (88)  
 99688-8559/99652-4881  
 clewlandalencar@gmail.com

LEVANTAMENTO:  
 CLEVLAND ALENCAR DE OLIVEIRA  
 TÉCNICO EM TOPOGRAFIA  
 CREA Nº 080784583-5

LOCAL: SÍTIO BONSUCESSO (rota 29) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

PRANCHA: 212



CONTEÚDO: PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO BONSUCESSO

PERCUIO UNITÁRIO : 14,87 km

DATA: ABRIL / 2018

ESCALA: 1 : 55.000

TRUJILLO  
FLS. 256  
47

Bonsucesso3.txt

1	24M	480621,238	9159255,652	618,746
2	24M	480625,558	9159226,928	620,188
3	24M	480634,651	9159192,564	622,110
4	24M	480650,779	9159160,555	622,110
5	24M	480678,332	9159133,435	621,630
6	24M	480707,710	9159120,938	621,630
7	24M	480742,147	9159105,236	622,110
8	24M	480768,599	9159079,533	622,591
9	24M	480792,168	9159051,781	624,033
10	24M	480815,181	9159024,900	624,514
11	24M	480835,623	9159002,169	624,994
12	24M	480860,687	9158979,050	624,033
13	24M	480882,081	9158956,876	623,072
14	24M	480905,684	9158933,284	622,110
15	24M	480933,024	9158907,961	622,110
16	24M	480958,440	9158884,139	621,630
17	24M	480980,647	9158862,900	620,188
18	24M	481003,047	9158841,476	619,226
19	24M	481026,124	9158818,394	618,746
20	24M	481051,957	9158790,865	617,784
21	24M	481073,288	9158764,298	616,823
22	24M	481087,369	9158739,823	616,342
23	24M	481105,631	9158709,520	615,862
24	24M	481124,200	9158676,975	614,900
25	24M	481143,349	9158647,378	615,381
26	24M	481159,465	9158621,012	615,381
27	24M	481175,739	9158592,247	615,381
28	24M	481189,765	9158567,512	615,381
29	24M	481209,035	9158537,451	615,862
30	24M	481224,151	9158513,087	615,862
31	24M	481241,201	9158484,618	614,900
32	24M	481256,781	9158458,420	614,420
33	24M	481286,221	9158451,315	615,862
34	24M	481321,785	9158457,750	616,342
35	24M	481355,673	9158471,014	618,265
36	24M	481385,688	9158482,256	620,188
37	24M	481412,873	9158496,602	619,707
38	24M	481442,396	9158514,979	619,226
39	24M	481472,537	9158535,710	619,226
40	24M	481502,115	9158552,363	619,707
41	24M	481536,343	9158548,605	620,669
42	24M	481572,513	9158542,244	623,072
43	24M	481609,517	9158533,159	623,553
44	24M	481644,097	9158526,139	624,514
45	24M	481675,034	9158520,768	625,475
46	24M	481707,258	9158533,716	625,475
47	24M	481737,678	9158550,267	626,917
48	24M	481760,339	9158574,081	629,320
49	24M	481776,184	9158600,338	634,127
50	24M	481791,734	9158627,624	638,453
51	24M	481810,658	9158655,541	640,376
52	24M	481836,333	9158679,087	641,337

*[Handwritten signature]*

FLS 257  
47

Bonsucesso3.txt

53	24M	481862,750	9158694,432	643,259
54	24M	481891,858	9158707,990	643,740
55	24M	481916,185	9158728,487	641,337
56	24M	481934,025	9158760,268	638,453
57	24M	481948,881	9158788,174	635,569
58	24M	481963,350	9158814,505	634,127
59	24M	481981,248	9158841,105	631,243
60	24M	481996,335	9158869,697	628,359
61	24M	482009,767	9158897,186	626,917
62	24M	482023,504	9158926,111	625,475
63	24M	482051,752	9158944,302	623,072
64	24M	482080,896	9158960,139	619,707
65	24M	482106,268	9158979,904	615,862
66	24M	482140,767	9158991,787	612,978
67	24M	482176,196	9158991,272	613,459
68	24M	482205,840	9158980,840	614,900
69	24M	482232,213	9158967,386	615,862
70	24M	482263,232	9158968,074	617,784
71	24M	482293,461	9158977,583	618,746
72	24M	482329,643	9158987,688	617,304
73	24M	482358,180	9158999,550	618,265
74	24M	482382,090	9159020,102	618,746
75	24M	482409,024	9159038,764	619,226
76	24M	482438,218	9159048,736	619,226
77	24M	482470,095	9159050,564	620,669
78	24M	482505,258	9159045,221	622,110
79	24M	482538,130	9159033,345	622,591
80	24M	482571,325	9159022,525	622,591
81	24M	482600,321	9159014,668	622,591
82	24M	482630,833	9159010,287	623,553
83	24M	482661,752	9159003,840	624,033
84	24M	482693,480	9159008,494	624,033
85	24M	482725,097	9159014,843	623,553
86	24M	482751,323	9159023,869	623,072
87	24M	482778,112	9159036,620	620,669
88	24M	482800,368	9159056,846	619,226
89	24M	482801,938	9159086,703	619,226
90	24M	482795,169	9159116,852	615,862
91	24M	482790,960	9159149,292	612,978
92	24M	482796,875	9159180,614	609,133
93	24M	482804,223	9159211,037	606,729
94	24M	482812,892	9159245,492	604,807
95	24M	482818,068	9159275,748	605,768
96	24M	482820,165	9159305,614	605,768
97	24M	482800,482	9159328,976	607,691
98	24M	482781,133	9159351,365	605,287
99	24M	482765,193	9159377,314	604,326
100	24M	482760,652	9159407,956	601,442
101	24M	482762,535	9159441,713	597,116
102	24M	482762,894	9159473,079	596,155
103	24M	482751,780	9159501,439	594,713
104	24M	482738,928	9159528,695	594,232



Bonsucesso3.txt

105	24M	482737,048	9159561,080	593,271
106	24M	482747,439	9159589,855	592,790
107	24M	482764,838	9159619,115	593,271
108	24M	482785,583	9159649,840	594,232
109	24M	482804,602	9159674,087	595,193
110	24M	482827,930	9159694,898	595,193
111	24M	482860,080	9159713,386	593,271
112	24M	482888,607	9159725,174	590,867
113	24M	482917,975	9159740,038	588,945
114	24M	482948,999	9159750,335	587,503
115	24M	482981,853	9159764,894	585,100
116	24M	483015,151	9159776,461	582,216
117	24M	483044,816	9159789,027	578,851
118	24M	483074,620	9159798,304	576,929
119	24M	483105,535	9159804,449	574,525
120	24M	483140,841	9159813,913	572,603
121	24M	483171,006	9159823,292	570,680
122	24M	483197,018	9159836,941	567,796
123	24M	483227,487	9159851,907	565,393
124	24M	483258,092	9159869,811	562,028
125	24M	483283,069	9159884,117	558,663
126	24M	483309,662	9159903,113	556,260
127	24M	483326,673	9159932,650	555,779
128	24M	483350,602	9159953,322	554,337
129	24M	483380,211	9159967,741	552,415
130	24M	483412,522	9159976,268	550,973
131	24M	483446,163	9159985,991	549,531
132	24M	483476,921	9159991,617	548,569
133	24M	483510,015	9160006,704	548,089
134	24M	483544,479	9160017,854	548,089
135	24M	483574,617	9160026,899	547,608
136	24M	483600,647	9160041,410	547,127
137	24M	483617,161	9160066,925	547,127
138	24M	483641,064	9160084,558	546,166
139	24M	483662,766	9160104,895	546,166
140	24M	483670,702	9160120,734	546,647
141	24M	483651,840	9160095,329	547,127
142	24M	483627,623	9160077,362	547,127
143	24M	483605,369	9160050,622	548,569
144	24M	483584,943	9160030,572	548,569
145	24M	483552,893	9160017,394	548,089
146	24M	483517,707	9160007,068	547,608
147	24M	483490,095	9159994,883	545,686
148	24M	483462,139	9159987,359	546,166
149	24M	483430,226	9159979,777	548,089
150	24M	483400,735	9159971,168	548,089
151	24M	483370,403	9159962,429	547,127
152	24M	483342,375	9159948,760	547,608
153	24M	483322,247	9159923,030	550,973
154	24M	483307,648	9159898,303	552,895
155	24M	483281,840	9159881,736	557,702
156	24M	483252,279	9159864,370	561,067

F.S. 259  
4

Bonsucesso3.txt

157	24M	483220,406	9159846,818	562,028
158	24M	483193,866	9159834,827	562,509
159	24M	483157,731	9159818,951	563,950
160	24M	483127,316	9159810,369	564,912
161	24M	483093,822	9159801,906	566,354
162	24M	483063,185	9159795,539	569,238
163	24M	483033,667	9159784,798	572,122
164	24M	483003,762	9159773,612	572,603
165	24M	482975,844	9159761,844	574,044
166	24M	482948,094	9159749,000	575,486
167	24M	482916,940	9159738,574	579,812
168	24M	482890,429	9159723,488	580,774
169	24M	482861,245	9159711,450	583,658
170	24M	482831,785	9159696,716	585,580
171	24M	482810,454	9159675,627	587,983
172	24M	482784,410	9159646,995	587,503
173	24M	482766,826	9159619,922	587,503
174	24M	482749,980	9159594,767	586,542
175	24M	482736,353	9159566,732	587,022
176	24M	482736,449	9159531,762	587,983
177	24M	482748,267	9159498,686	588,464
178	24M	482759,113	9159470,715	590,387
179	24M	482756,933	9159440,590	590,867
180	24M	482755,595	9159408,528	591,829
181	24M	482762,623	9159377,739	594,232
182	24M	482782,151	9159347,047	597,597
183	24M	482803,212	9159323,334	601,442
184	24M	482819,178	9159299,238	601,442
185	24M	482815,752	9159263,358	598,558
186	24M	482809,116	9159229,608	599,039
187	24M	482800,261	9159198,174	601,442
188	24M	482791,517	9159167,500	603,845
189	24M	482793,368	9159137,682	606,729
190	24M	482796,910	9159109,301	608,171
191	24M	482802,432	9159075,472	609,613
192	24M	482793,122	9159048,273	611,055
193	24M	482767,204	9159031,649	614,420
194	24M	482738,520	9159020,232	615,381
195	24M	482707,912	9159010,491	613,939
196	24M	482675,961	9159007,246	614,420
197	24M	482638,803	9159008,752	615,381
198	24M	482607,117	9159013,438	616,342
199	24M	482574,219	9159020,543	617,784
200	24M	482540,127	9159031,576	618,746
201	24M	482506,331	9159043,776	618,746
202	24M	482472,074	9159049,453	619,707
203	24M	482438,616	9159046,540	618,265
204	24M	482409,432	9159036,244	618,265
205	24M	482380,130	9159019,767	618,746
206	24M	482353,104	9158998,167	616,823
207	24M	482319,160	9158985,840	616,342
208	24M	482288,727	9158976,766	616,823

FLS 260  
41

Bonsucesso3.txt

209	24M	482254,320	9158966,227	615,381
210	24M	482225,953	9158969,710	616,342
211	24M	482197,296	9158984,386	613,939
212	24M	482168,041	9158992,974	613,459
213	24M	482131,143	9158989,560	613,939
214	24M	482104,613	9158979,274	614,420
215	24M	482081,387	9158959,611	618,265
216	24M	482052,954	9158943,135	622,591
217	24M	482025,233	9158927,019	624,994
218	24M	482008,279	9158896,518	624,994
219	24M	481993,987	9158867,908	626,436
220	24M	481976,267	9158834,941	628,840
221	24M	481956,577	9158804,031	631,243
222	24M	481941,979	9158776,885	634,127
223	24M	481927,780	9158749,257	636,530
224	24M	481912,201	9158724,510	639,414
225	24M	481885,758	9158704,615	642,298
226	24M	481855,393	9158689,083	640,856
227	24M	481829,003	9158672,514	640,376
228	24M	481806,333	9158649,553	639,414
229	24M	481788,509	9158622,081	637,972
230	24M	481774,309	9158597,335	633,646
231	24M	481755,126	9158569,140	628,840
232	24M	481733,759	9158548,774	627,878
233	24M	481702,137	9158532,055	626,917
234	24M	481673,222	9158520,267	627,398
235	24M	481637,126	9158524,802	626,436
236	24M	481604,560	9158535,001	624,514
237	24M	481576,110	9158542,125	624,033
238	24M	481544,128	9158548,451	623,553
239	24M	481512,497	9158554,072	622,591
240	24M	481478,516	9158541,374	620,188
241	24M	481448,440	9158519,874	618,746
242	24M	481417,624	9158500,857	617,784
243	24M	481385,623	9158483,507	618,746
244	24M	481357,587	9158471,877	618,265
245	24M	481324,179	9158458,437	618,265
246	24M	481294,893	9158451,087	617,304
247	24M	481267,394	9158436,037	616,823
248	24M	481265,456	9158404,086	614,900
249	24M	481273,732	9158376,356	613,459
250	24M	481280,410	9158345,391	611,055
251	24M	481284,816	9158308,846	613,939
252	24M	481292,587	9158273,110	614,900
253	24M	481293,821	9158237,973	610,094
254	24M	481303,745	9158204,192	607,691
255	24M	481329,946	9158180,453	606,729
256	24M	481356,417	9158152,526	600,961
257	24M	481381,149	9158126,396	598,558
258	24M	481407,296	9158100,006	597,597
259	24M	481434,005	9158077,129	599,039
260	24M	481460,092	9158060,636	599,039

S 261  
47

Bonsucesso3 txt

261	24M	481488,583	9158045,673	599,519
262	24M	481519,929	9158031,777	602,884
263	24M	481547,402	9158018,908	604,807
264	24M	481565,433	9157988,911	599,039
265	24M	481556,570	9157956,596	597,116
266	24M	481547,686	9157929,053	596,155
267	24M	481526,247	9157905,370	596,155
268	24M	481496,049	9157889,800	598,558
269	24M	481465,089	9157881,893	600,481
270	24M	481435,598	9157880,075	604,326
271	24M	481401,540	9157876,096	605,287
272	24M	481369,751	9157863,889	603,365
273	24M	481339,719	9157847,949	601,442
274	24M	481307,776	9157827,245	603,845
275	24M	481278,974	9157810,786	604,326
276	24M	481243,960	9157795,270	604,807
277	24M	481217,491	9157769,564	607,210
278	24M	481197,290	9157746,762	607,210
279	24M	481180,955	9157720,411	609,613
280	24M	481169,292	9157686,826	616,342
281	24M	481161,059	9157652,278	619,226
282	24M	481141,461	9157624,583	620,669
283	24M	481104,576	9157616,609	623,553
284	24M	481075,921	9157604,023	626,436
285	24M	481047,646	9157589,056	626,436
286	24M	481013,372	9157569,991	627,398
287	24M	480980,586	9157553,744	626,436
288	24M	480951,268	9157536,275	627,398
289	24M	480923,513	9157515,220	626,436
290	24M	480905,772	9157489,657	629,801
291	24M	480878,894	9157473,912	630,762
292	24M	480851,647	9157453,932	632,685
293	24M	480825,272	9157428,783	634,607
294	24M	480795,400	9157408,524	636,050
295	24M	480762,301	9157412,013	637,972
296	24M	480730,186	9157404,717	641,337
297	24M	480704,251	9157388,315	643,740
298	24M	480674,350	9157370,178	646,143
299	24M	480645,512	9157354,330	647,585
300	24M	480609,786	9157337,785	648,066
301	24M	480573,643	9157325,872	645,663
302	24M	480539,064	9157309,327	643,740
303	24M	480502,653	9157294,468	641,337
304	24M	480467,398	9157280,063	640,856
305	24M	480434,864	9157259,164	641,337
306	24M	480409,716	9157241,168	641,817
307	24M	480388,331	9157221,403	643,740
308	24M	480364,359	9157196,495	645,182
309	24M	480345,842	9157172,034	645,182
310	24M	480329,898	9157140,439	644,221
311	24M	480311,922	9157104,543	642,779
312	24M	480299,582	9157075,952	641,817

F.L.S 262  
41

Bonsucesso3.txt

313	24M	480296,295	9157043,315	640,856
314	24M	480304,435	9157011,786	642,298
315	24M	480309,597	9156981,969	643,259
316	24M	480304,795	9156944,651	643,740
317	24M	480284,605	9156921,302	642,298
318	24M	480258,116	9156903,407	638,934
319	24M	480230,231	9156885,253	636,530
320	24M	480205,508	9156867,757	635,088
321	24M	480177,535	9156840,290	631,723
322	24M	480155,828	9156815,892	630,282
323	24M	480139,319	9156789,439	629,801
324	24M	480121,703	9156754,313	627,398
325	24M	480106,289	9156716,964	626,917
326	24M	480098,895	9156689,208	627,398
327	24M	480083,507	9156654,954	624,994
328	24M	480067,110	9156624,656	622,110
329	24M	480049,215	9156593,847	620,669
330	24M	480020,944	9156571,550	619,226
331	24M	479983,141	9156574,250	618,265
332	24M	479953,167	9156577,656	617,784
333	24M	479918,349	9156580,866	617,784
334	24M	479889,073	9156574,210	618,746
335	24M	479880,830	9156544,425	619,226
336	24M	479868,111	9156516,621	619,226
337	24M	479844,489	9156499,292	620,669
338	24M	479820,914	9156477,377	622,110
339	24M	479797,404	9156455,517	623,553
340	24M	479776,901	9156428,043	623,072
341	24M	479748,060	9156420,488	622,110
342	24M	479718,767	9156411,052	622,110
343	24M	479690,556	9156399,661	621,149
344	24M	479658,246	9156376,945	620,669
345	24M	479633,736	9156359,227	619,707
346	24M	479608,023	9156344,640	618,746
347	24M	479573,800	9156339,223	618,265
348	24M	479543,441	9156336,486	618,265
349	24M	479509,228	9156332,422	617,304
350	24M	479476,586	9156327,228	617,784
351	24M	479442,489	9156330,966	619,226
352	24M	479405,753	9156344,785	619,226
353	24M	479369,705	9156349,226	620,188
354	24M	479341,691	9156354,357	622,591
355	24M	479308,472	9156358,531	624,994
356	24M	479271,055	9156364,491	625,956
357	24M	479243,263	9156368,908	626,436
358	24M	479211,487	9156370,896	625,956
359	24M	479179,553	9156376,099	626,917
360	24M	479150,272	9156381,433	629,801
361	24M	479116,987	9156387,617	632,204
362	24M	479084,665	9156392,301	633,646
363	24M	479057,110	9156404,937	632,204
364	24M	479040,086	9156433,748	631,723



FLS 263  
41

Bonsucesso3.txt

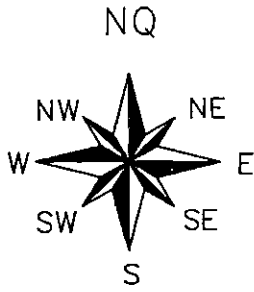
365	24M	479020,676	9156465,402	631,723
366	24M	479000,143	9156486,594	631,723
367	24M	478971,767	9156515,177	630,282
368	24M	478946,713	9156536,867	629,801
369	24M	478926,113	9156562,609	628,840
370	24M	478908,267	9156590,112	627,878
371	24M	478886,060	9156612,416	627,878
372	24M	478855,666	9156626,737	628,359
373	24M	478824,958	9156637,305	627,878
374	24M	478794,984	9156642,184	627,878
375	24M	478759,446	9156641,807	627,878
376	24M	478727,406	9156655,257	627,878
377	24M	478710,023	9156682,816	627,878
378	24M	478691,161	9156707,604	626,917
379	24M	478661,198	9156727,846	625,475
380	24M	478628,022	9156740,267	624,514
381	24M	478589,452	9156738,229	622,591
382	24M	478551,992	9156737,230	620,188
383	24M	478520,410	9156740,385	616,823
384	24M	478489,472	9156729,363	614,900
385	24M	478462,252	9156715,034	611,055
386	24M	478445,560	9156683,902	607,691
387	24M	478431,020	9156657,709	604,326
388	24M	478401,712	9156640,803	601,442
389	24M	478362,027	9156632,520	599,039
390	24M	478332,178	9156625,658	596,636
391	24M	478292,989	9156624,158	591,829
392	24M	478260,718	9156617,786	587,503
393	24M	478227,442	9156605,429	585,100
394	24M	478193,398	9156593,423	584,619
395	24M	478164,190	9156579,612	585,580
396	24M	478146,242	9156546,532	584,138
397	24M	478123,956	9156518,640	584,619
398	24M	478105,820	9156492,399	587,503
399	24M	478090,514	9156465,344	588,464
400	24M	478074,080	9156437,491	587,983
401	24M	478055,676	9156412,279	585,100
402	24M	478041,564	9156380,165	582,696
403	24M	478027,324	9156345,883	581,254
404	24M	478013,212	9156316,409	581,254
405	24M	478001,384	9156282,907	582,696
406	24M	477995,714	9156250,509	580,774
407	24M	477997,006	9156216,123	578,851
408	24M	478003,391	9156183,249	577,890
409	24M	478010,729	9156147,985	580,293
410	24M	477995,647	9156116,279	582,216
411	24M	477981,664	9156086,018	583,177
412	24M	477967,173	9156055,155	583,177
413	24M	477956,223	9156023,144	580,774
414	24M	477928,265	9156007,638	581,735
415	24M	477906,661	9155984,351	578,370
416	24M	477876,869	9155974,497	576,929

...  
FLS 264  
47

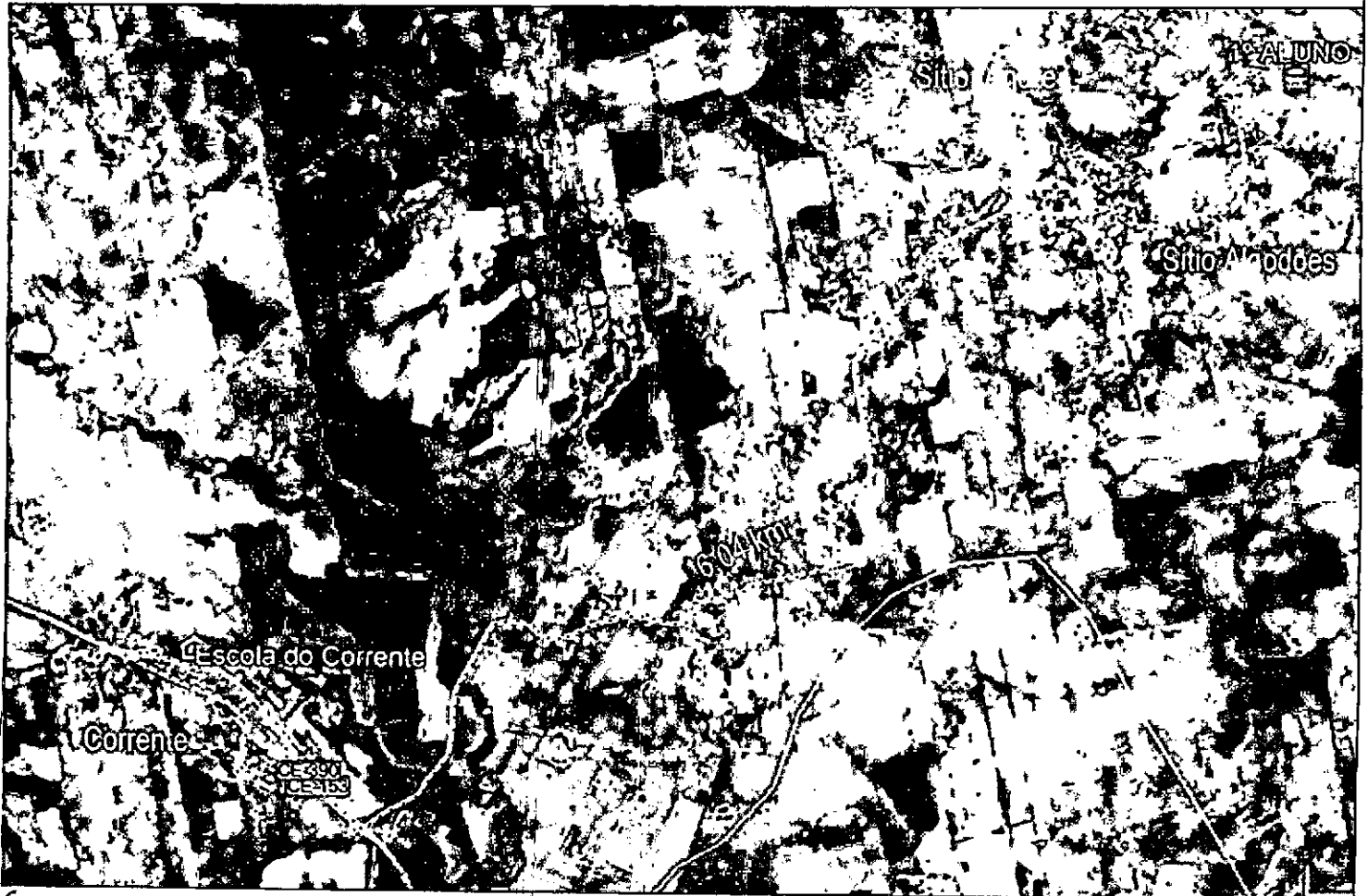
Bonsucesso3.txt

417	24M	477847,528	5155970,740	573,083
418	24M	477815,259	5155980,602	572,122
419	24M	477784,574	5155982,006	574,044
420	24M	477749,390	5155978,014	574,044
421	24M	477715,418	5155972,374	574,525
422	24M	477687,583	5155951,020	574,044
423	24M	477667,312	5155923,500	574,044
424	24M	477645,340	5155898,915	574,525
425	24M	477614,684	5155877,811	574,525
426	24M	477579,350	5155859,466	574,525
427	24M	477551,086	5155844,487	574,525
428	24M	477518,868	5155824,920	575,006
429	24M	477484,160	5155812,265	575,006
430	24M	477455,856	5155803,541	574,525
431	24M	477425,306	5155795,604	574,044
432	24M	477388,580	5155788,285	574,525
433	24M	477360,427	5155773,603	575,006
434	24M	477341,302	5155747,584	575,006
435	24M	477347,076	5155718,731	574,525
436	24M	477370,780	5155697,977	574,044
437	24M	477400,567	5155677,772	574,044
438	24M	477434,145	5155655,966	574,525
439	24M	477467,650	5155634,457	574,525
440	24M	477501,940	5155611,947	575,486
441	24M	477529,712	5155591,370	576,929
442	24M	477552,684	5155573,442	578,851
443	24M	477575,501	5155552,075	582,216
444	24M	477596,352	5155523,610	586,542
445	24M	477607,028	5155489,766	588,945
446	24M	477607,185	5155449,143	590,867
447	24M	477606,433	5155417,442	592,310
448	24M	477605,329	5155387,030	592,790

*[Handwritten signature]*



13265  
41



200m 0 200m 400m 600m 800m  
ESCALA GRÁFICA..... 1:20.000

ÍTEM	PERÍODO		ROTA/TRAJETO	CÓORD. SAÍDA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
30	1	1	Sítio Algodões/Sítio André/Distrito do Corrente(EEF Luiz Leite Brangel)	UTM Z-24M E(X)485897,44; N(Y)9154271,35	UTM Z-24M E(X)482797,51; N(Y)9152505,20	24,18	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevlandalencar@gmail.com	LEVANTAMENTO:	 CLEVLAND ALENCAR DE OLIVEIRA TEC. CONS. CIVIL TOPO. ESTRADAS CREA: RNP 060784563-S	
	LOCAL: SÍTIO CORRENTE (rota 30) - JARDIM - CE PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)	PRANCHA:	1 / 2
CONTEÚDO:	PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CORRENTE		
PERCURSO UNITÁRIO : 6,04 km	DATA:	ABRIL / 2018	
		ESCALA:	1 : 20.000

FLS. 266  
47

Sítio Agoddes

9,04 km

Escola do Corrente

30	1	1	Sítio Agoddes/Sítio André/Distrito do Corrente(EEF Luiz Leite Brinigel)	UTM 7-2-24M EX)485897,44; N)9154271,35	UTM 7-2-24M EX)482797,51; N)9152505,20	24,18	Carroçável	Yan	22
----	---	---	---	--	--	-------	------------	-----	----

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO TOPOGRAFIA E GEODESIA**  
L.TDA.

(88)  
99688-8559/99652-4881  
cleviland@lencar.com

CLEVLAND ALENÇAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA. RNP 060784563-5

LOCAL: SÍTIO CORRENTE (rota 30) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

PRANCHIA: 212

CONTEÚDO:

PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CORRENTE

PERCUIÇÃO UNITÁRIO : 6,04 km

DATA: ABRIL / 2018

ESCALA: 1 : 25.000





Corrente1.txt

1	24M	482799,392	9152503,484	496,658
2	24M	482774,661	9152510,193	495,216
3	24M	482743,940	9152518,966	493,774
4	24M	482708,392	9152528,850	492,332
5	24M	482676,663	9152537,465	491,852
6	24M	482643,871	9152546,107	491,371
7	24M	482625,448	9152545,220	490,410
8	24M	482617,359	9152519,328	491,371
9	24M	482647,010	9152505,838	491,371
10	24M	482678,825	9152490,866	491,371
11	24M	482712,572	9152474,931	492,813
12	24M	482744,413	9152461,924	494,255
13	24M	482774,637	9152448,415	496,178
14	24M	482807,523	9152437,363	498,581
15	24M	482839,734	9152425,264	500,984
16	24M	482872,130	9152411,756	503,388
17	24M	482898,047	9152396,291	503,868
18	24M	482925,382	9152371,708	502,907
19	24M	482947,825	9152349,042	501,465
20	24M	482958,733	9152325,380	499,542
21	24M	482936,518	9152303,949	500,023
22	24M	482937,241	9152272,397	501,465
23	24M	482938,806	9152239,364	503,868
24	24M	482947,358	9152210,355	503,868
25	24M	482975,073	9152205,861	503,388
26	24M	483003,217	9152218,167	500,984
27	24M	483029,771	9152230,047	500,023
28	24M	483057,305	9152243,243	499,542
29	24M	483093,647	9152233,591	496,658
30	24M	483118,540	9152209,387	495,697
31	24M	483133,776	9152180,806	495,697
32	24M	483153,494	9152152,820	494,736
33	24M	483176,669	9152127,328	494,255
34	24M	483203,245	9152102,597	493,774
35	24M	483230,847	9152079,441	492,813
36	24M	483256,165	9152057,294	491,852
37	24M	483277,896	9152036,712	491,371
38	24M	483305,624	9152048,240	492,813
39	24M	483334,633	9152071,147	490,890
40	24M	483366,878	9152091,544	490,890
41	24M	483404,218	9152110,646	490,410
42	24M	483439,311	9152128,875	490,410
43	24M	483463,339	9152149,167	490,890
44	24M	483474,792	9152174,783	488,968
45	24M	483494,890	9152197,845	490,410
46	24M	483517,474	9152224,530	490,410
47	24M	483538,522	9152252,086	489,448
48	24M	483549,205	9152288,218	489,448
49	24M	483551,872	9152326,498	489,448
50	24M	483553,422	9152364,073	489,448
51	24M	483555,342	9152396,376	489,929
52	24M	483557,891	9152431,431	488,968

FLS 268  
A

Corrente1.txt

53	24M	483567,984	9152461,670	485,603
54	24M	483585,769	9152491,263	485,603
55	24M	483603,018	9152520,847	486,084
56	24M	483622,049	9152555,666	486,565
57	24M	483636,488	9152582,432	488,007
58	24M	483653,375	9152614,777	489,929
59	24M	483671,484	9152642,183	492,813
60	24M	483701,239	9152649,208	496,658
61	24M	483737,910	9152651,908	498,581
62	24M	483768,843	9152646,461	497,139
63	24M	483798,969	9152620,656	495,697
64	24M	483827,798	9152603,653	495,697
65	24M	483859,617	9152601,903	496,658
66	24M	483885,906	9152606,934	499,062
67	24M	483919,957	9152620,743	500,504
68	24M	483947,518	9152634,958	501,465
69	24M	483974,897	9152643,056	499,062
70	24M	484010,381	9152654,892	498,100
71	24M	484040,617	9152659,934	497,620
72	24M	484072,359	9152667,719	498,100
73	24M	484106,266	9152668,536	498,100
74	24M	484141,147	9152662,451	498,100
75	24M	484171,730	9152653,426	497,620
76	24M	484204,474	9152647,739	498,100
77	24M	484237,641	9152651,104	497,620
78	24M	484261,585	9152676,529	497,620
79	24M	484285,195	9152702,686	498,100
80	24M	484313,189	9152722,238	498,581
81	24M	484349,573	9152725,512	501,946
82	24M	484380,816	9152734,325	502,426
83	24M	484407,944	9152745,064	501,946
84	24M	484434,858	9152759,871	502,426
85	24M	484462,957	9152771,222	502,907
86	24M	484494,348	9152776,014	503,388
87	24M	484532,516	9152782,337	503,388
88	24M	484563,833	9152788,601	502,907
89	24M	484594,919	9152796,729	502,907
90	24M	484625,312	9152803,216	500,023
91	24M	484663,358	9152812,096	499,062
92	24M	484687,303	9152833,907	498,100
93	24M	484687,301	9152867,478	498,100
94	24M	484678,950	9152907,404	500,023
95	24M	484672,809	9152944,911	502,426
96	24M	484685,981	9152975,198	502,907
97	24M	484707,919	9153000,937	502,426
98	24M	484736,955	9153028,004	500,504
99	24M	484764,717	9153054,236	499,062
100	24M	484788,198	9153080,661	498,581
101	24M	484788,547	9153115,678	498,581
102	24M	484784,100	9153147,377	500,023
103	24M	484777,709	9153186,700	501,465
104	24M	484772,171	9153217,768	502,426

*[Handwritten signature]*

FLS 268  
47

Corrente1.txt

105	24M	484764,949	9153252,783	503,868
106	24M	484758,459	9153282,998	505,310
107	24M	484752,235	9153318,226	506,752
108	24M	484746,438	9153349,785	502,907
109	24M	484740,197	9153382,261	500,984
110	24M	484744,660	9153418,623	501,465
111	24M	484762,195	9153451,718	502,907
112	24M	484783,965	9153481,192	504,349
113	24M	484808,222	9153510,935	505,310
114	24M	484829,014	9153533,569	505,791
115	24M	484849,344	9153557,325	507,233
116	24M	484869,961	9153581,174	510,117
117	24M	484892,065	9153606,505	515,404
118	24M	484914,160	9153633,440	517,807
119	24M	484931,567	9153662,884	516,846
120	24M	484947,663	9153689,196	516,846
121	24M	484962,334	9153715,415	516,846
122	24M	484983,487	9153740,134	516,846
123	24M	485009,058	9153764,373	516,365
124	24M	485039,236	9153780,784	515,404
125	24M	485069,137	9153796,685	515,404
126	24M	485100,045	9153813,911	514,923
127	24M	485126,323	9153826,577	515,404
128	24M	485155,087	9153840,217	515,404
129	24M	485185,821	9153851,420	515,885
130	24M	485213,183	9153857,563	517,327
131	24M	485247,703	9153853,682	517,807
132	24M	485287,150	9153848,431	518,288
133	24M	485318,277	9153845,262	519,249
134	24M	485348,109	9153843,817	519,249
135	24M	485385,669	9153845,765	518,288
136	24M	485417,682	9153847,341	517,807
137	24M	485442,413	9153867,882	517,327
138	24M	485442,293	9153899,109	516,846
139	24M	485437,763	9153930,465	515,885
140	24M	485427,123	9153958,436	515,885
141	24M	485407,443	9153983,310	515,404
142	24M	485386,802	9154007,201	514,443
143	24M	485368,406	9154034,920	513,481
144	24M	485354,456	9154064,178	512,039
145	24M	485340,702	9154092,269	512,039
146	24M	485325,144	9154120,850	512,520
147	24M	485309,891	9154148,273	513,001
148	24M	485312,167	9154141,621	513,962
149	24M	485329,806	9154111,317	512,039
150	24M	485345,595	9154083,440	511,078
151	24M	485360,183	9154051,615	511,559
152	24M	485376,999	9154021,032	515,885
153	24M	485397,937	9153994,065	515,885
154	24M	485420,242	9153967,376	515,885
155	24M	485434,858	9153936,376	515,404
156	24M	485440,989	9153900,165	514,923

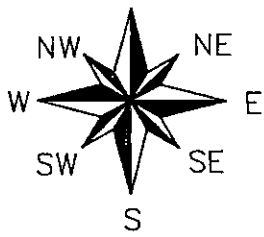
F.S. 270  
47

Corrente1.txt

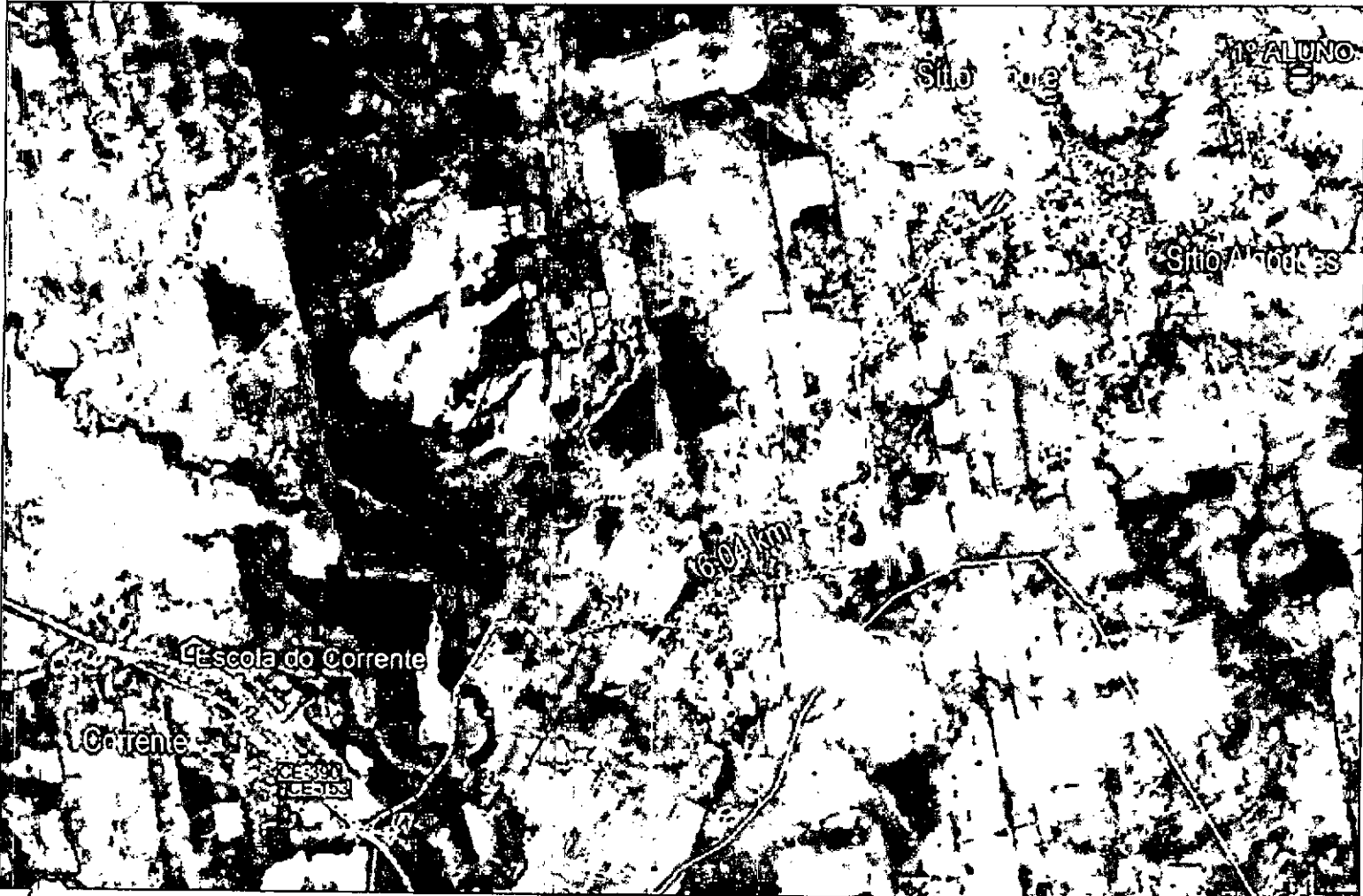
157	24M	485444,983	9153867,698	514,923
158	24M	485477,895	9153864,288	514,923
159	24M	485506,065	9153855,309	513,962
160	24M	485531,206	9153836,515	509,155
161	24M	485556,957	9153819,455	507,233
162	24M	485585,913	9153812,820	507,233
163	24M	485618,453	9153811,514	509,636
164	24M	485649,716	9153819,353	511,078
165	24M	485683,002	9153828,898	511,559
166	24M	485714,504	9153836,997	513,001
167	24M	485746,331	9153844,170	514,443
168	24M	485776,493	9153850,443	514,923
169	24M	485808,411	9153862,239	516,365
170	24M	485832,292	9153885,124	517,327
171	24M	485856,124	9153915,960	517,327
172	24M	485875,686	9153942,662	517,327
173	24M	485893,068	9153965,221	516,365
174	24M	485896,543	9154001,629	513,481
175	24M	485889,526	9154034,410	512,039
176	24M	485882,637	9154071,167	512,520
177	24M	485875,166	9154105,459	513,481
178	24M	485867,946	9154138,639	514,443
179	24M	485863,657	9154168,420	514,923
180	24M	485857,267	9154203,759	516,365
181	24M	485859,902	9154233,643	517,327
182	24M	485890,319	9154256,021	517,807
183	24M	485896,814	9154271,173	517,807



NQ



271  
4-1



200m 0 200m 400m 600m 800m

ESCALA GRÁFICA..... 1: 20.000

ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
31	1	1	Sítio Algodões/Sítio André/Distrito do Corrente(EEF Luiz Leite Bringel)	UTM Z-24M E(X)485897,44; N(Y)9154271,35	UTM Z-24M E(X)482797,51; N(Y)9152505,20	24,18	Carroçável	Van	22

### LEVANTAMENTO PLANIMÉTRICO

## TOPOGEO

TOPOGRAFIA E  
GEODÉSIA

LTD.A.

(88)

99688-8559/99652-4881

clevelandalencar@gmail.com

LEVANTAMENTO:

  
CLEVELAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784563-5

LOCAL: SÍTIO CORRENTE (rota 31) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

PRANCHA:

1 / 2

CONTEÚDO:

PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CORRENTE

PERCURSO UNITÁRIO : 6,04 km

DATA:

ABRIL / 2018

ESCALA: 1 : 20.000

FLS 272  
41

Sítio Agodões

8,04 km

Escola do Corrente

NUM.	PERÍMETRO	PROPRIETÁRIO	VALOR	VALOR	VALOR	VALOR	VALOR	VALOR
31	1	1	SÍTIO Agodões/Sítio André/Distrito do Corrente/EEF Luiz Leite Brinjal	UIM 2-24M/ E(X)485.897,44; NM(9)154271,35	UTM E-24M/ E(X)482797,51; NM(9)152505,20	24,18	Carroçável	Van
								22

LEVANTAMENTO PLANIMÉTRICO



TOPOGEO

TOPOGRAFIA E GEODESIA LTDA.

(88)

99688-8559/99652-4881  
clevaldalencaar@gmail.com

LEVANTAMENTO:

CLEVALD ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL, TOPO. ESTRADAS  
CREA: RNP 060784563-5

LOCAL: SÍTIO CORRENTE (rota 31) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

PRANCHA: 212

CONTEÚDO:

PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CORRENTE

PERCUIÇÃO UNITÁRIO : 6,04 km

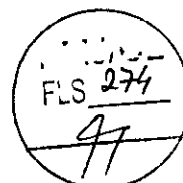
DATA: 01 de ABRIL / 2018

ESCALA: 1 : 25.000



Corrente2.txt

1	24M	482799,392	9152503,484	496,658
2	24M	482774,661	9152510,193	495,216
3	24M	482743,940	9152518,956	493,774
4	24M	482708,392	9152528,850	492,332
5	24M	482676,663	9152537,465	491,852
6	24M	482643,871	9152546,107	491,371
7	24M	482625,448	9152545,220	490,410
8	24M	482617,359	9152519,328	491,371
9	24M	482647,010	9152505,838	491,371
10	24M	482678,825	9152490,866	491,371
11	24M	482712,572	9152474,931	492,813
12	24M	482744,413	9152461,924	494,255
13	24M	482774,637	9152448,415	496,178
14	24M	482807,523	9152437,363	498,581
15	24M	482839,734	9152425,264	500,984
16	24M	482872,130	9152411,756	503,388
17	24M	482898,047	9152396,291	503,868
18	24M	482925,382	9152371,708	502,907
19	24M	482947,825	9152349,042	501,465
20	24M	482958,733	9152325,380	499,542
21	24M	482936,518	9152303,949	500,023
22	24M	482937,241	9152272,397	501,465
23	24M	482938,806	9152239,364	503,868
24	24M	482947,358	9152210,355	503,868
25	24M	482975,073	9152205,861	503,388
26	24M	483003,217	9152218,167	500,984
27	24M	483029,771	9152230,047	500,023
28	24M	483057,305	9152243,243	499,542
29	24M	483093,647	9152233,591	496,658
30	24M	483118,540	9152209,387	495,697
31	24M	483133,776	9152180,806	495,697
32	24M	483153,494	9152152,820	494,736
33	24M	483176,669	9152127,328	494,255
34	24M	483203,245	9152102,597	493,774
35	24M	483230,847	9152079,441	492,813
36	24M	483256,165	9152057,294	491,852
37	24M	483277,896	9152036,712	491,371
38	24M	483305,624	9152048,240	492,813
39	24M	483334,633	9152071,147	490,890
40	24M	483366,878	9152091,544	490,890
41	24M	483404,218	9152110,646	490,410
42	24M	483439,311	9152128,875	490,410
43	24M	483463,339	9152149,167	490,890
44	24M	483474,792	9152174,783	488,968
45	24M	483494,890	9152197,845	490,410
46	24M	483517,474	9152224,530	490,410
47	24M	483538,522	9152252,086	489,448
48	24M	483549,205	9152288,218	489,448
49	24M	483551,872	9152326,498	489,448
50	24M	483553,422	9152364,073	489,448
51	24M	483555,342	9152396,376	489,929
52	24M	483557,891	9152431,431	488,968



Corrente2.txt

53	24M	483567,984	9152461,670	485,603
54	24M	483585,769	9152491,263	485,603
55	24M	483603,018	9152520,847	486,084
56	24M	483622,049	9152555,656	486,565
57	24M	483636,488	9152582,432	488,007
58	24M	483653,375	9152614,777	489,929
59	24M	483671,484	9152642,183	492,813
60	24M	483701,239	9152649,208	496,658
61	24M	483737,910	9152651,908	498,581
62	24M	483768,843	9152646,461	497,139
63	24M	483798,969	9152620,656	495,697
64	24M	483827,798	9152603,653	495,697
65	24M	483859,617	9152601,903	496,658
66	24M	483885,906	9152606,934	499,062
67	24M	483919,957	9152620,743	500,504
68	24M	483947,518	9152634,958	501,465
69	24M	483974,897	9152643,056	499,062
70	24M	484010,381	9152654,892	498,100
71	24M	484040,617	9152659,934	497,620
72	24M	484072,359	9152667,719	498,100
73	24M	484106,266	9152668,536	498,100
74	24M	484141,147	9152662,451	498,100
75	24M	484171,730	9152653,426	497,620
76	24M	484204,474	9152647,739	498,100
77	24M	484237,641	9152651,104	497,620
78	24M	484261,585	9152676,529	497,620
79	24M	484285,195	9152702,686	498,100
80	24M	484313,189	9152722,238	498,581
81	24M	484349,573	9152725,512	501,946
82	24M	484380,816	9152734,325	502,426
83	24M	484407,944	9152745,064	501,946
84	24M	484434,858	9152759,871	502,426
85	24M	484462,957	9152771,222	502,907
86	24M	484494,348	9152776,014	503,388
87	24M	484532,516	9152782,337	503,388
88	24M	484563,833	9152788,601	502,907
89	24M	484594,919	9152796,729	502,907
90	24M	484625,312	9152803,216	500,023
91	24M	484663,358	9152812,096	499,062
92	24M	484687,303	9152833,907	498,100
93	24M	484687,301	9152867,478	498,100
94	24M	484678,950	9152907,404	500,023
95	24M	484672,809	9152944,911	502,426
96	24M	484685,981	9152975,198	502,907
97	24M	484707,919	9153000,937	502,426
98	24M	484736,955	9153028,004	500,504
99	24M	484764,717	9153054,236	499,062
100	24M	484788,198	9153080,661	498,581
101	24M	484788,547	9153115,678	498,581
102	24M	484784,100	9153147,377	500,023
103	24M	484777,709	9153186,700	501,465
104	24M	484772,171	9153217,768	502,426

FLS 275  
47

Corrente2.txt

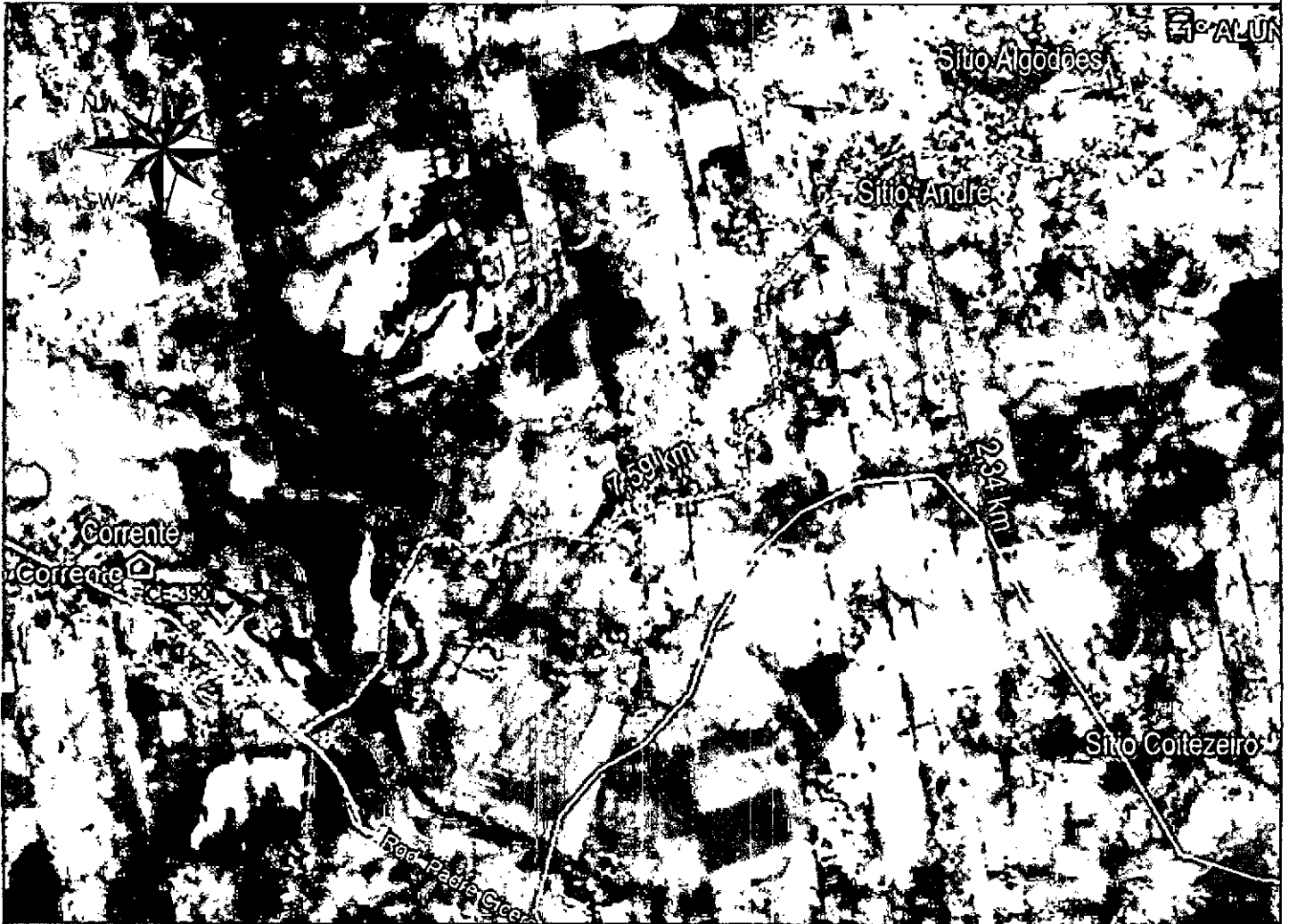
105	24M	484764,949	9153252,783	503,868
106	24M	484758,459	9153282,998	505,310
107	24M	484752,235	9153318,226	506,752
108	24M	484746,438	9153349,785	502,907
109	24M	484740,197	9153382,261	500,984
110	24M	484744,660	9153418,623	501,465
111	24M	484762,195	9153451,718	502,907
112	24M	484783,965	9153481,192	504,349
113	24M	484808,222	9153510,935	505,310
114	24M	484829,014	9153533,569	505,791
115	24M	484849,344	9153557,325	507,233
116	24M	484869,961	9153581,174	510,117
117	24M	484892,065	9153606,505	515,404
118	24M	484914,160	9153633,440	517,807
119	24M	484931,567	9153662,884	516,846
120	24M	484947,663	9153689,196	516,846
121	24M	484962,334	9153715,415	516,846
122	24M	484983,487	9153740,134	516,846
123	24M	485009,058	9153764,373	516,365
124	24M	485039,236	9153780,784	515,404
125	24M	485069,137	9153796,685	515,404
126	24M	485100,045	9153813,911	514,923
127	24M	485126,323	9153826,577	515,404
128	24M	485155,087	9153840,217	515,404
129	24M	485185,821	9153851,420	515,885
130	24M	485213,183	9153857,563	517,327
131	24M	485247,703	9153853,682	517,807
132	24M	485287,150	9153848,431	518,288
133	24M	485318,277	9153845,262	519,249
134	24M	485348,109	9153843,817	519,249
135	24M	485385,669	9153845,765	518,288
136	24M	485417,682	9153847,341	517,807
137	24M	485442,413	9153867,882	517,327
138	24M	485442,293	9153899,109	516,846
139	24M	485437,763	9153930,465	515,885
140	24M	485427,123	9153958,436	515,885
141	24M	485407,443	9153983,310	515,404
142	24M	485386,802	9154007,201	514,443
143	24M	485368,406	9154034,920	513,481
144	24M	485354,466	9154064,178	512,039
145	24M	485340,702	9154092,269	512,039
146	24M	485325,144	9154120,850	512,520
147	24M	485309,891	9154148,273	513,001
148	24M	485312,167	9154141,621	513,962
149	24M	485329,806	9154111,317	512,039
150	24M	485345,595	9154083,440	511,078
151	24M	485360,183	9154051,615	511,559
152	24M	485376,999	9154021,032	515,885
153	24M	485397,937	9153994,065	515,885
154	24M	485420,242	9153967,376	515,885
155	24M	485434,858	9153936,376	515,404
156	24M	485440,989	9153900,165	514,923



torrente2.txt


157	24M	485444,983	9:53867,698	514,923
158	24M	485477,895	9:53864,288	514,923
159	24M	485506,065	9:53855,309	513,962
160	24M	485531,206	9:53836,515	509,155
161	24M	485556,957	9:53819,455	507,233
162	24M	485585,913	9:53812,820	507,233
163	24M	485618,453	9:53811,514	509,636
164	24M	485649,716	9:53819,353	511,078
165	24M	485683,002	9:53828,898	511,559
166	24M	485714,504	9:53836,997	513,001
167	24M	485746,331	9:53844,170	514,443
168	24M	485776,493	9:53850,443	514,923
169	24M	485808,411	9:53862,239	516,365
170	24M	485832,292	9:53885,124	517,327
171	24M	485856,124	9:53915,960	517,327
172	24M	485875,686	9:53942,662	517,327
173	24M	485893,068	9:53965,221	516,365
174	24M	485896,543	9:54001,629	513,481
175	24M	485889,526	9:54034,410	512,039
176	24M	485882,637	9:54071,167	512,520
177	24M	485875,166	9:54105,459	513,481
178	24M	485867,946	9:54138,639	514,443
179	24M	485863,657	9:54168,420	514,923
180	24M	485857,267	9:54203,759	516,365
181	24M	485859,902	9:54233,643	517,327
182	24M	485890,319	9:54256,021	517,807
183	24M	485896,814	9:54271,173	517,807

277  
-47



ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
32	1	1	Sítio Coitezeiro dos Hipólitos/Sítio Algodões/Sítio André/Distrito do Corrente(EEF Luiz Leite	UTM Z-24M E(X)485673,31; N(Y)9151556,99	UTM Z-24M E(X)482797,51; N(Y)9152505,20	39,72	Caroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevliandalencar@gmail.com	LEVANTAMENTO:  <div style="text-align: center;">   <b>CLEVLAND ALENCAR DE OLIVEIRA</b>  <small>TEC. CONS. CIVIL TOPO. ESTRADAS          CREA: RNP 060784563-5</small> </div>	PRANCHA:
	<b>LOCAL:</b> SÍTIO CORRENTE (rota 32) - JARDIM - CE <b>PROPRIETÁRIO:</b> PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)	<b>1 / 2</b>
<b>CONTEÚDO:</b> PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CORRENTE		
<b>PERCURSO UNITÁRIO :</b> 9,93 km	<b>DATA:</b> ABRIL / 2018	<b>ESCALA:</b> 1 : 20.000

Sítio Algodões

1,09 km

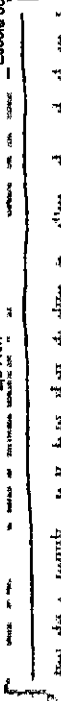
entroncamento



Sítio Coitezeiro

2,34 km

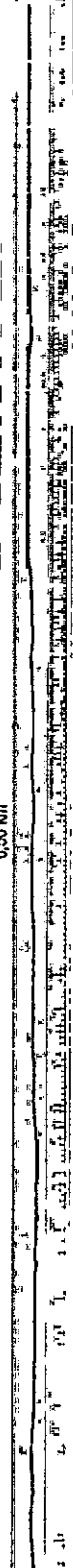
Escola do Corrente



Sítio Algodões

6,50 km

Escola do Corrente



Nº	PERÍODO		ROTA / NOME	COORD. SAÍDA	COORD. CHEGADA	C/D DE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTD. APROXIMADA DE ALUNOS
	INÍCIO	FIM							
32	1	1	Sítio Coitezeiro dos Hipólitos/Sítio Algodões/Sítio André/Distrito do Corrente/EEF Luiz Letta	UTM Z-24M E(X)485673,31; N(Y)9151556,99	UTM Z-24M E(X)48797,51; N(Y)9152505,20	39,72	Caroçável	Van	22

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
L.TDA.  
(88)  
99688-8559/99652-4881  
clevlandalencar@gmail.com

LEVANTAMENTO:

CLEVLAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL, TOPO. ESTRADAS  
CREA: RNP 080784583-5

LEVANTAMENTO PLANIMÉTRICO

FLS 278  
4

PRANCHA:  
2/2

LOCAL: SÍTIO CORRENTE (rota 32) - JARDIM - CE  
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

CONTEÚDO: PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CORRENTE

PERCURSO UNITÁRIO : 9,93 km

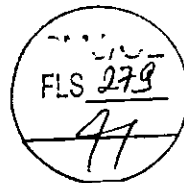
DATA: ABRIL / 2018

ESCALA: 1 : 25.000



ESCALA GRÁFICA: 1 : 25.000





Corrente3.txt

1	24M	485213,183	9153857,563	517,327
2	24M	485247,703	9153853,682	517,807
3	24M	485287,150	9153848,431	518,288
4	24M	485318,277	9153845,262	519,249
5	24M	485348,109	9153843,817	519,249
6	24M	485385,669	9153845,765	518,288
7	24M	485417,682	9153847,341	517,807
8	24M	485442,413	9153867,882	517,327
9	24M	485444,983	9153867,698	514,923
10	24M	485477,895	9153864,288	514,923
11	24M	485506,065	9153855,309	513,962
12	24M	485531,206	9153836,515	509,155
13	24M	485556,957	9153819,455	507,233
14	24M	485585,913	9153812,820	507,233
15	24M	485618,453	9153811,514	509,636
16	24M	485649,716	9153819,353	511,078
17	24M	485683,002	9153828,898	511,559
18	24M	485714,504	9153836,997	513,001
19	24M	485746,331	9153844,170	514,443
20	24M	485776,493	9153850,443	514,923
21	24M	485808,411	9153862,239	516,365
22	24M	485832,292	9153885,124	517,327
23	24M	485856,124	9153915,960	517,327
24	24M	485875,686	9153942,662	517,327
25	24M	485893,068	9153965,221	516,365
26	24M	485896,543	9154001,629	513,481
27	24M	485889,526	9154034,410	512,039
28	24M	485882,637	9154071,167	512,520
29	24M	485875,166	9154105,459	513,481
30	24M	485867,946	9154138,639	514,443
31	24M	485863,657	9154168,420	514,923
32	24M	485857,267	9154203,759	516,365
33	24M	485859,902	9154233,643	517,327
34	24M	485890,319	9154256,021	517,807
35	24M	485896,814	9154271,173	517,807

FLS 280  
91

Corrente4.txt

1	24M	485205,272	9153848,591	519,730
2	24M	485212,244	9153813,465	517,807
3	24M	485217,099	9153780,543	517,807
4	24M	485224,431	9153747,252	518,288
5	24M	485232,760	9153717,390	517,807
6	24M	485240,194	9153682,486	517,327
7	24M	485244,797	9153653,355	513,481
8	24M	485251,419	9153615,931	511,078
9	24M	485257,918	9153584,493	509,155
10	24M	485265,064	9153555,056	508,194
11	24M	485271,526	9153525,499	509,155
12	24M	485279,793	9153486,231	510,597
13	24M	485286,950	9153450,883	511,559
14	24M	485294,477	9153414,506	511,559
15	24M	485301,652	9153379,130	511,078
16	24M	485308,752	9153348,674	511,078
17	24M	485313,402	9153318,561	510,597
18	24M	485318,052	9153288,178	509,636
19	24M	485323,608	9153257,824	508,675
20	24M	485327,685	9153226,478	506,272
21	24M	485335,579	9153198,654	504,349
22	24M	485342,875	9153163,213	503,388
23	24M	485349,752	9153134,147	502,907
24	24M	485356,547	9153103,329	502,907
25	24M	485362,352	9153074,022	505,310
26	24M	485369,823	9153039,295	507,714
27	24M	485375,786	9153008,737	508,675
28	24M	485381,943	9152977,447	508,675
29	24M	485387,776	9152948,195	507,233
30	24M	485395,412	9152915,645	507,233
31	24M	485402,308	9152885,958	509,636
32	24M	485408,558	9152855,586	511,078
33	24M	485417,452	9152821,202	511,559
34	24M	485424,775	9152785,687	510,117
35	24M	485432,523	9152749,690	505,791
36	24M	485439,964	9152722,162	505,310
37	24M	485447,036	9152691,660	503,868
38	24M	485452,843	9152655,088	501,946
39	24M	485460,008	9152624,243	500,984
40	24M	485466,535	9152590,609	500,504
41	24M	485472,332	9152557,345	500,984
42	24M	485478,416	9152523,238	499,062
43	24M	485485,183	9152493,199	498,581
44	24M	485493,356	9152459,565	498,581
45	24M	485498,459	9152428,349	499,542
46	24M	485505,124	9152397,485	500,504
47	24M	485510,533	9152364,721	500,023
48	24M	485518,741	9152335,610	499,542
49	24M	485523,899	9152305,255	499,542
50	24M	485530,908	9152269,647	498,581
51	24M	485538,046	9152235,513	497,620
52	24M	485542,862	9152204,936	496,658

FLS 281  
47

Corrente4.txt

53	24M	485548,326	952173,636	495,216
54	24M	485555,425	952142,374	492,332
55	24M	485561,970	952111,140	490,410
56	24M	485568,544	952078,803	488,968
57	24M	485576,355	952047,207	488,968
58	24M	485583,594	952014,342	487,045
59	24M	485592,636	951979,411	486,565
60	24M	485600,854	951950,893	486,084
61	24M	485608,480	951919,028	485,603
62	24M	485608,343	951883,928	484,642
63	24M	485614,593	951850,655	484,642
64	24M	485622,074	951812,230	485,122
65	24M	485631,090	951771,341	484,161
66	24M	485638,810	951736,957	483,680
67	24M	485645,300	951703,517	483,680
68	24M	485651,910	951670,624	483,200
69	24M	485658,473	951640,965	482,719
70	24M	485665,372	951602,095	482,719
71	24M	485670,715	951570,499	482,239
72	24M	485673,280	951556,424	482,239

*[Handwritten signature]*

FLS 282  
47

Corrente5.txt

1	24M	482799,392	9152503,484	496,658
2	24M	482774,661	9152510,193	495,216
3	24M	482743,940	9152518,966	493,774
4	24M	482708,392	9152528,850	492,332
5	24M	482676,663	9152537,465	491,852
6	24M	482643,871	9152546,107	491,371
7	24M	482625,448	9152545,220	490,410
8	24M	482617,359	9152519,328	491,371
9	24M	482647,010	9152505,838	491,371
10	24M	482678,825	9152490,866	491,371
11	24M	482712,572	9152474,931	492,813
12	24M	482744,413	9152461,924	494,255
13	24M	482774,637	9152448,415	496,178
14	24M	482807,523	9152437,363	498,581
15	24M	482839,734	9152425,264	500,984
16	24M	482872,130	9152411,756	503,388
17	24M	482898,047	9152396,291	503,868
18	24M	482925,382	9152371,708	502,907
19	24M	482947,825	9152349,042	501,465
20	24M	482958,733	9152325,380	499,542
21	24M	482936,518	9152303,949	500,023
22	24M	482937,241	9152272,397	501,465
23	24M	482938,806	9152239,364	503,868
24	24M	482947,358	9152210,355	503,868
25	24M	482975,073	9152205,861	503,388
26	24M	483003,217	9152218,167	500,984
27	24M	483029,771	9152230,047	500,023
28	24M	483057,305	9152243,243	499,542
29	24M	483093,647	9152233,591	496,658
30	24M	483118,540	9152209,387	495,697
31	24M	483133,776	9152180,806	495,697
32	24M	483153,494	9152152,820	494,736
33	24M	483176,669	9152127,328	494,255
34	24M	483203,245	9152102,597	493,774
35	24M	483230,847	9152079,441	492,813
36	24M	483256,165	9152057,294	491,852
37	24M	483277,896	9152036,712	491,371
38	24M	483305,624	9152048,240	492,813
39	24M	483334,633	9152071,147	490,890
40	24M	483366,878	9152091,544	490,890
41	24M	483404,218	9152110,646	490,410
42	24M	483439,311	9152128,875	490,410
43	24M	483463,339	9152149,167	490,890
44	24M	483474,792	9152174,783	488,968
45	24M	483494,890	9152197,845	490,410
46	24M	483517,474	9152224,530	490,410
47	24M	483538,522	9152252,086	489,448
48	24M	483549,205	9152288,218	489,448
49	24M	483551,872	9152326,498	489,448
50	24M	483553,422	9152364,073	489,448
51	24M	483555,342	9152396,376	489,929
52	24M	483557,891	9152431,431	488,968



Corrente5.txt

53	24M	483567,984	9152461,670	485,603
54	24M	483585,769	9152491,263	485,603
55	24M	483603,018	9152520,847	486,084
56	24M	483622,049	9152555,666	486,565
57	24M	483636,488	9152582,432	488,007
58	24M	483653,375	9152614,777	489,929
59	24M	483671,484	9152642,183	492,813
60	24M	483701,239	9152649,208	496,658
61	24M	483737,910	9152651,908	498,581
62	24M	483768,843	9152646,461	497,139
63	24M	483798,969	9152620,656	495,697
64	24M	483827,798	9152603,653	495,697
65	24M	483859,617	9152601,903	496,658
66	24M	483885,906	9152606,934	499,062
67	24M	483919,957	9152620,743	500,504
68	24M	483947,518	9152634,958	501,465
69	24M	483974,897	9152643,056	499,062
70	24M	484010,381	9152654,892	498,100
71	24M	484040,617	9152659,934	497,620
72	24M	484072,359	9152667,719	498,100
73	24M	484106,266	9152668,536	498,100
74	24M	484141,147	9152662,451	498,100
75	24M	484171,730	9152653,426	497,620
76	24M	484204,474	9152647,739	498,100
77	24M	484237,641	9152651,104	497,620
78	24M	484261,585	9152676,529	497,620
79	24M	484285,195	9152702,686	498,100
80	24M	484313,189	9152722,238	498,581
81	24M	484349,573	9152725,512	501,946
82	24M	484380,816	9152734,325	502,426
83	24M	484407,944	9152745,064	501,946
84	24M	484434,858	9152759,871	502,426
85	24M	484462,957	9152771,222	502,907
86	24M	484494,348	9152776,014	503,388
87	24M	484532,516	9152782,337	503,388
88	24M	484563,833	9152788,601	502,907
89	24M	484594,919	9152796,729	502,907
90	24M	484625,312	9152803,216	500,023
91	24M	484663,358	9152812,096	499,062
92	24M	484687,303	9152833,907	498,100
93	24M	484687,301	9152867,478	498,100
94	24M	484678,950	9152907,404	500,023
95	24M	484672,809	9152944,911	502,426
96	24M	484685,981	9152975,198	502,907
97	24M	484707,919	9153000,937	502,426
98	24M	484736,955	9153028,004	500,504
99	24M	484764,717	9153054,236	499,062
100	24M	484788,198	9153080,661	498,581
101	24M	484788,547	9153115,678	498,581
102	24M	484784,100	9153147,377	500,023
103	24M	484777,709	9153186,700	501,465
104	24M	484772,171	9153217,768	502,426

F.S. 284  
97

Corrente5.txt

105	24M	484764,949	\$153252,783	503,868
106	24M	484758,459	\$153282,998	505,310
107	24M	484752,235	\$153318,226	506,752
108	24M	484746,438	\$153349,785	502,907
109	24M	484740,197	\$153382,261	500,984
110	24M	484744,660	\$153418,623	501,465
111	24M	484762,195	\$153451,718	502,907
112	24M	484783,965	\$153481,192	504,349
113	24M	484808,222	\$153510,935	505,310
114	24M	484829,014	\$153533,569	505,791
115	24M	484849,344	\$153557,325	507,233
116	24M	484869,961	\$153581,174	510,117
117	24M	484892,065	\$153606,505	515,404
118	24M	484914,160	\$153633,440	517,807
119	24M	484931,567	\$153662,884	516,846
120	24M	484947,663	\$153689,196	516,846
121	24M	484962,334	\$153715,415	516,846
122	24M	484983,487	\$153740,134	516,846
123	24M	485009,058	\$153764,373	516,365
124	24M	485039,236	\$153780,784	515,404
125	24M	485069,137	\$153796,685	515,404
126	24M	485100,045	\$153813,911	514,923
127	24M	485126,323	\$153826,577	515,404
128	24M	485155,087	\$153840,217	515,404
129	24M	485185,821	\$153851,420	515,885
130	24M	485213,183	\$153857,563	517,327
131	24M	485247,703	\$153853,682	517,807
132	24M	485287,150	\$153848,431	518,288
133	24M	485318,277	\$153845,262	519,249
134	24M	485348,109	\$153843,817	519,249
135	24M	485385,669	\$153845,765	518,288
136	24M	485417,682	\$153847,341	517,807
137	24M	485442,413	\$153867,882	517,327
138	24M	485444,983	\$153867,698	514,923
139	24M	485477,895	\$153864,288	514,923
140	24M	485506,065	\$153855,309	513,962
141	24M	485531,206	\$153836,515	509,155
142	24M	485556,957	\$153819,455	507,233
143	24M	485585,913	\$153812,820	507,233
144	24M	485618,453	\$153811,514	509,636
145	24M	485649,716	\$153819,353	511,078
146	24M	485683,002	\$153828,898	511,559
147	24M	485714,504	\$153836,997	513,001
148	24M	485746,331	\$153844,170	514,443
149	24M	485776,493	\$153850,443	514,923
150	24M	485808,411	\$153862,239	516,365
151	24M	485832,292	\$153885,124	517,327
152	24M	485856,124	\$153915,960	517,327
153	24M	485875,686	\$153942,662	517,327
154	24M	485893,068	\$153965,221	516,365
155	24M	485896,543	\$154001,629	513,481
156	24M	485889,526	\$154034,410	512,039

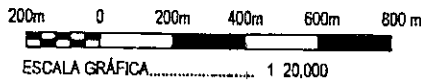
TLS 285  
47

torrente5.txt

157	24M	485882,637	9154071,167	512,520
158	24M	485875,166	9154105,459	513,481
159	24M	485867,946	9154138,639	514,443
160	24M	485863,657	9154168,420	514,923
161	24M	485857,267	9154203,759	516,365
162	24M	485859,902	9154233,643	517,327
163	24M	485890,319	9154256,021	517,807
164	24M	485896,814	9154271,173	517,807

*[Handwritten signature]*

286  
44



ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
32	1	1	Sítio Coltezeiro dos Hipólitos/Sítio Algodões/Sítio André/Distrito do Corrente(EEF Luiz Leite	UTM 2-24M E(X)485673,31; N(Y)9151556,99	UTM 2-24M E(X)482797,51; N(Y)9152505,20	39,72	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODÉSIA  
LTDA.  
(88)  
99688-8559/99652-4881  
clevilandalencar@gmail.com

LEVANTAMENTO:

*Cleviland Alencar de Oliveira*  
CLEVILAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784563-5

LOCAL: SÍTIO CORRENTE (rota 32) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHA.  
1 / 2

CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CORRENTE

PERCURSO UNITÁRIO : 9,93 km

DATA: ABRIL / 2018

ESCALA: 1 : 20.000



FLS 287  
47

entorcimento 1,09 km Sítio Algodões

Sítio Coltezero 2,34 km Escola do Corrente

Sítio Algodões 6,50 km Escola do Corrente

ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTD DE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTD APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
32	1	1	SÍTIO CORRENTE - RAS Hipólitos/Sítio Algodões/Sítio André/Distrito do Corrente/EEF Luiz Leite	(X)485673,31; N(Y)9151556,99	EM42797,51; N(Y)9152595,20	39,72	Carroçável	Van	22

LEVANTAMENTO PLANIMÉTRICO

**TOPOGEO**  
TOPOGRAFIA E GEODESIA  
LTD.A.  
(88)  
99688-8558/99652-4881  
clevilan@alencar.com.br

LEVANTAMENTO:  
LOCAL: SÍTIO CORRENTE (rota 32) - JARDIM - CE  
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRONCHIA:  
212



CONTEÚDO: PERIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CORRENTE  
PERCUIO UNITÁRIO : 9,93 km DATA: ABRIL / 2018 ESCALA: 1 : 25.000

F.L.S. 288  
A

Corrente3.txt

1	24M	485213,183	9153857,563	517,327
2	24M	485247,703	9153853,682	517,807
3	24M	485287,150	9153848,431	518,288
4	24M	485318,277	9153845,262	519,249
5	24M	485348,109	9153843,817	519,249
6	24M	485385,669	9153845,765	518,288
7	24M	485417,682	9153847,341	517,807
8	24M	485442,413	9153867,882	517,327
9	24M	485444,983	9153867,698	514,923
10	24M	485477,895	9153864,288	514,923
11	24M	485506,065	9153855,309	513,962
12	24M	485531,206	9153836,515	509,155
13	24M	485556,957	9153819,455	507,233
14	24M	485585,913	9153812,820	507,233
15	24M	485618,453	9153811,514	509,636
16	24M	485649,716	9153819,353	511,078
17	24M	485683,002	9153828,898	511,559
18	24M	485714,504	9153836,997	513,001
19	24M	485746,331	9153844,170	514,443
20	24M	485776,493	9153850,443	514,923
21	24M	485808,411	9153862,239	516,365
22	24M	485832,292	9153885,124	517,327
23	24M	485856,124	9153915,960	517,327
24	24M	485875,686	9153942,662	517,327
25	24M	485893,068	9153965,221	516,365
26	24M	485896,543	9154001,629	513,481
27	24M	485889,526	9154034,410	512,039
28	24M	485882,637	9154071,167	512,520
29	24M	485875,166	9154105,459	513,481
30	24M	485867,946	9154138,639	514,443
31	24M	485863,657	9154168,420	514,923
32	24M	485857,267	9154203,759	516,365
33	24M	485859,902	9154233,643	517,327
34	24M	485890,319	9154256,021	517,807
35	24M	485896,814	9154271,173	517,807

FLS 289  
4

Corrente4.txt

1	24M	485205,272	9153848,591	519,730
2	24M	485212,244	9153813,465	517,807
3	24M	485217,099	9153780,543	517,807
4	24M	485224,431	9153747,252	518,288
5	24M	485232,760	9153717,390	517,807
6	24M	485240,194	9153682,486	517,327
7	24M	485244,797	9153653,355	513,481
8	24M	485251,419	9153615,931	511,078
9	24M	485257,918	9153584,493	509,155
10	24M	485265,064	9153555,056	508,194
11	24M	485271,526	9153525,499	509,155
12	24M	485279,793	9153486,231	510,597
13	24M	485286,950	9153450,883	511,559
14	24M	485294,477	9153414,506	511,559
15	24M	485301,652	9153379,130	511,078
16	24M	485308,752	9153348,674	511,078
17	24M	485313,402	9153318,561	510,597
18	24M	485318,052	9153288,178	509,636
19	24M	485323,608	9153257,824	508,675
20	24M	485327,685	9153226,478	506,272
21	24M	485335,579	9153198,654	504,349
22	24M	485342,875	9153163,213	503,388
23	24M	485349,752	9153134,147	502,907
24	24M	485356,547	9153103,329	502,907
25	24M	485362,352	9153074,022	505,310
26	24M	485369,823	9153039,295	507,714
27	24M	485375,786	9153008,737	508,675
28	24M	485381,943	9152977,447	508,675
29	24M	485387,776	9152948,195	507,233
30	24M	485395,412	9152915,645	507,233
31	24M	485402,308	9152885,958	509,636
32	24M	485408,558	9152855,586	511,078
33	24M	485417,452	9152821,202	511,559
34	24M	485424,775	9152785,687	510,117
35	24M	485432,523	9152749,690	505,791
36	24M	485439,964	9152722,162	505,310
37	24M	485447,036	9152691,660	503,868
38	24M	485452,843	9152655,088	501,946
39	24M	485460,008	9152624,243	500,984
40	24M	485466,535	9152590,609	500,504
41	24M	485472,332	9152557,345	500,984
42	24M	485478,416	9152523,238	499,062
43	24M	485485,183	9152493,199	498,581
44	24M	485493,356	9152459,565	498,581
45	24M	485498,459	9152428,349	499,542
46	24M	485505,124	9152397,485	500,504
47	24M	485510,533	9152364,721	500,023
48	24M	485518,741	9152335,610	499,542
49	24M	485523,899	9152305,255	499,542
50	24M	485530,908	9152269,647	498,581
51	24M	485538,046	9152235,513	497,620
52	24M	485542,862	9152204,936	496,658

F.S. 290  
41

Corrente5.txt

1	24M	482799,392	9152503,484	496,658
2	24M	482774,661	9152510,193	495,216
3	24M	482743,940	9152518,966	493,774
4	24M	482708,392	9152528,850	492,332
5	24M	482676,663	9152537,465	491,852
6	24M	482643,871	9152546,107	491,371
7	24M	482625,448	9152545,220	490,410
8	24M	482617,359	9152519,328	491,371
9	24M	482647,010	9152505,838	491,371
10	24M	482678,825	9152490,866	491,371
11	24M	482712,572	9152474,931	492,813
12	24M	482744,413	9152461,924	494,255
13	24M	482774,637	9152448,415	496,178
14	24M	482807,523	9152437,363	498,581
15	24M	482839,734	9152425,264	500,984
16	24M	482872,130	9152411,756	503,388
17	24M	482898,047	9152396,291	503,868
18	24M	482925,382	9152371,708	502,907
19	24M	482947,825	9152349,042	501,465
20	24M	482958,733	9152325,380	499,542
21	24M	482936,518	9152303,949	500,023
22	24M	482937,241	9152272,397	501,465
23	24M	482938,806	9152239,364	503,868
24	24M	482947,358	9152210,355	503,868
25	24M	482975,073	9152205,861	503,388
26	24M	483003,217	9152218,167	500,984
27	24M	483029,771	9152230,047	500,023
28	24M	483057,305	9152243,243	499,542
29	24M	483093,647	9152233,591	496,658
30	24M	483118,540	9152209,387	495,697
31	24M	483133,776	9152180,806	495,697
32	24M	483153,494	9152152,820	494,736
33	24M	483176,669	9152127,328	494,255
34	24M	483203,245	9152102,597	493,774
35	24M	483230,847	9152079,441	492,813
36	24M	483256,165	9152057,294	491,852
37	24M	483277,896	9152036,712	491,371
38	24M	483305,624	9152048,240	492,813
39	24M	483334,633	9152071,147	490,890
40	24M	483366,878	9152091,544	490,890
41	24M	483404,218	9152110,646	490,410
42	24M	483439,311	9152128,875	490,410
43	24M	483463,339	9152149,167	490,890
44	24M	483474,792	9152174,783	488,968
45	24M	483494,890	9152197,845	490,410
46	24M	483517,474	9152224,530	490,410
47	24M	483538,522	9152252,086	489,448
48	24M	483549,205	9152288,218	489,448
49	24M	483551,872	9152326,498	489,448
50	24M	483553,422	9152364,073	489,448
51	24M	483555,342	9152396,376	489,929
52	24M	483557,891	9152431,431	488,968

FLS 291  
A7

Corrente4.txt

53	24M	485548,326	9152173,636	495,216
54	24M	485555,425	9152142,374	492,332
55	24M	485561,970	9152111,140	490,410
56	24M	485568,544	9152078,803	488,968
57	24M	485576,355	9152047,207	488,968
58	24M	485583,594	9152014,342	487,045
59	24M	485592,636	9151979,411	486,565
60	24M	485600,854	9151950,893	486,084
61	24M	485608,480	9151919,028	485,603
62	24M	485608,343	9151883,928	484,642
63	24M	485614,593	9151850,655	484,642
64	24M	485622,074	9151812,230	485,122
65	24M	485631,090	9151771,341	484,161
66	24M	485638,810	9151736,957	483,680
67	24M	485645,300	9151703,517	483,680
68	24M	485651,910	9151670,624	483,200
69	24M	485658,473	9151640,965	482,719
70	24M	485665,372	9151602,095	482,719
71	24M	485670,715	9151570,499	482,239
72	24M	485673,280	9151556,424	482,239

F.S. 282  
47

Corrente5.txt

53	24M	483567,984	9152461,670	485,603
54	24M	483585,769	9152491,263	485,603
55	24M	483603,018	9152520,847	486,084
56	24M	483622,049	9152555,666	486,565
57	24M	483636,488	9152582,432	488,007
58	24M	483653,375	9152614,777	489,929
59	24M	483671,484	9152642,183	492,813
60	24M	483701,239	9152649,208	496,658
61	24M	483737,910	9152651,908	498,581
62	24M	483768,843	9152646,461	497,139
63	24M	483798,969	9152620,656	495,697
64	24M	483827,798	9152603,653	495,697
65	24M	483859,617	9152601,903	496,658
66	24M	483885,906	9152606,934	499,062
67	24M	483919,957	9152620,743	500,504
68	24M	483947,518	9152634,958	501,465
69	24M	483974,897	9152643,056	499,062
70	24M	484010,381	9152654,892	498,100
71	24M	484040,617	9152659,934	497,620
72	24M	484072,359	9152667,719	498,100
73	24M	484106,266	9152668,536	498,100
74	24M	484141,147	9152662,451	498,100
75	24M	484171,730	9152653,426	497,620
76	24M	484204,474	9152647,739	498,100
77	24M	484237,641	9152651,104	497,620
78	24M	484261,585	9152676,529	497,620
79	24M	484285,195	9152702,686	498,100
80	24M	484313,189	9152722,238	498,581
81	24M	484349,573	9152725,512	501,946
82	24M	484380,816	9152734,325	502,426
83	24M	484407,944	9152745,064	501,946
84	24M	484434,858	9152759,871	502,426
85	24M	484462,957	9152771,222	502,907
86	24M	484494,348	9152776,014	503,388
87	24M	484532,516	9152782,337	503,388
88	24M	484563,833	9152788,601	502,907
89	24M	484594,919	9152796,729	502,907
90	24M	484625,312	9152803,216	500,023
91	24M	484663,358	9152812,096	499,062
92	24M	484687,303	9152833,907	498,100
93	24M	484687,301	9152867,478	498,100
94	24M	484678,950	9152907,404	500,023
95	24M	484672,809	9152944,911	502,426
96	24M	484685,981	9152975,198	502,907
97	24M	484707,919	9153000,937	502,426
98	24M	484736,955	9153028,004	500,504
99	24M	484764,717	9153054,236	499,062
100	24M	484788,198	9153080,661	498,581
101	24M	484788,547	9153115,678	498,581
102	24M	484784,100	9153147,377	500,023
103	24M	484777,709	9153186,700	501,465
104	24M	484772,171	9153217,768	502,426



Corrente5.txt

105	24M	484764,949	9153252,783	503,868
106	24M	484758,459	9153282,998	505,310
107	24M	484752,235	9153318,226	506,752
108	24M	484746,438	9153349,785	502,907
109	24M	484740,197	9153382,261	500,984
110	24M	484744,660	9153418,623	501,465
111	24M	484762,195	9153451,718	502,907
112	24M	484783,965	9153481,192	504,349
113	24M	484808,222	9153510,935	505,310
114	24M	484829,014	9153533,569	505,791
115	24M	484849,344	9153557,325	507,233
116	24M	484869,961	9153581,174	510,117
117	24M	484892,065	9153606,505	515,404
118	24M	484914,160	9153633,440	517,807
119	24M	484931,567	9153662,884	516,846
120	24M	484947,663	9153689,196	516,846
121	24M	484962,334	9153715,415	516,846
122	24M	484983,487	9153740,134	516,846
123	24M	485009,058	9153764,373	516,365
124	24M	485039,236	9153780,784	515,404
125	24M	485069,137	9153796,685	515,404
126	24M	485100,045	9153813,911	514,923
127	24M	485126,323	9153826,577	515,404
128	24M	485155,087	9153840,217	515,404
129	24M	485185,821	9153851,420	515,885
130	24M	485213,183	9153857,563	517,327
131	24M	485247,703	9153853,682	517,807
132	24M	485287,150	9153848,431	518,288
133	24M	485318,277	9153845,262	519,249
134	24M	485348,109	9153843,817	519,249
135	24M	485385,669	9153845,765	518,288
136	24M	485417,682	9153847,341	517,807
137	24M	485442,413	9153867,882	517,327
138	24M	485444,983	9153867,698	514,923
139	24M	485477,895	9153864,288	514,923
140	24M	485506,065	9153855,309	513,962
141	24M	485531,206	9153836,515	509,155
142	24M	485556,957	9153819,455	507,233
143	24M	485585,913	9153812,820	507,233
144	24M	485618,453	9153811,514	509,636
145	24M	485649,716	9153819,353	511,078
146	24M	485683,002	9153828,898	511,559
147	24M	485714,504	9153836,997	513,001
148	24M	485746,331	9153844,170	514,443
149	24M	485776,493	9153850,443	514,923
150	24M	485808,411	9153862,239	516,365
151	24M	485832,292	9153885,124	517,327
152	24M	485856,124	9153915,960	517,327
153	24M	485875,686	9153942,662	517,327
154	24M	485893,068	9153965,221	516,365
155	24M	485896,543	9154001,629	513,481
156	24M	485889,526	9154034,410	512,039

FLS 294  
41

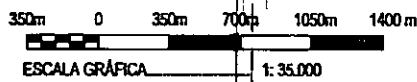
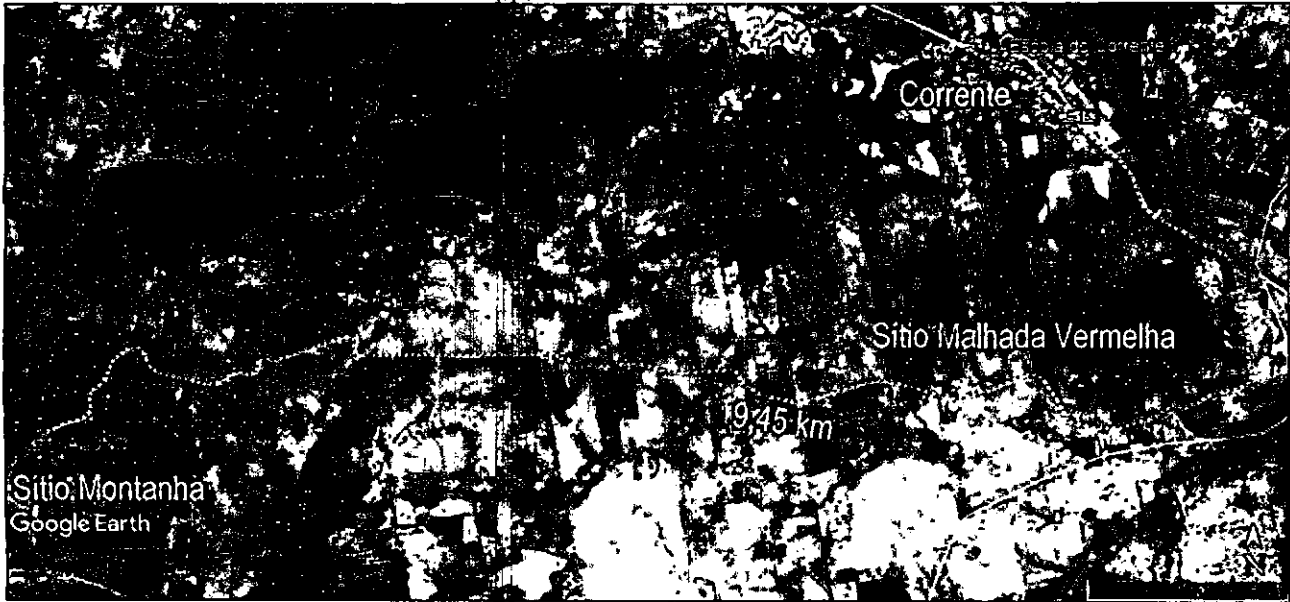
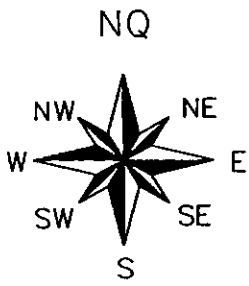
Corrente5.txt

157	24M	485882,637	954071,167	512,520
158	24M	485875,166	954105,459	513,481
159	24M	485867,946	954138,639	514,443
160	24M	485863,657	954168,420	514,923
161	24M	485857,267	954203,759	516,365
162	24M	485859,902	954233,643	517,327
163	24M	485890,319	954256,021	517,807
164	24M	485896,814	954271,173	517,807

*[Handwritten mark]*



1.3 295  
47



ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SA/DA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
33	1	1	Sítio Montanha/Sítio Pinto/Sítio Malhada Vermelha/Distrito do Corrente (EEF Luiz Leite BrIngel)	UTM 224M E(X)478007,24 ; N(Y)9150592,01	UTM 224M E(X)482797,51 ; N(Y)9152505,20	37,81	Caroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODESIA LTDA. (88) 99688-8559/99652-4881 clevlandalencar@gmail.com	LEVANTAMENTO:  <div style="text-align: center;">   <b>CLEVLAND ALENCAR DE OLIVEIRA</b>  <small>TEC. CONS. CIVIL TOPO. ESTRADAS          CREA: RNP 060784563-5</small> </div>	PRANCHA:
	<b>LOCAL:</b> SÍTIO CORRENTE (rota 33) - JARDIM - CE <b>PROPRIETÁRIO:</b> PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)	<b>1 / 2</b>
<b>CONTEÚDO:</b> PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CORRENTE		
<b>PERCURSO UNITÁRIO :</b> 9,93 km	<b>DATA:</b> ABRIL / 2018	<b>ESCALA:</b> 1 : 35.000

Sítio Maranhã...  
Escuela do Corrente

ITEM	PERÍODO	ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	CRUZ. KM / RUA	TIPO DE ESTRELA	TIPO DE VEÍCULO	DIÁZ. APROXIMADA (em minutos)
33	1	Sítio Maranhã/Sítio Pindo/ Sítio Malhada Vermelha/Distrito do Corrente(EEF Luiz Lahe Brinell)	UHM2-24M EXM478007,24;	UHM232M EXM482797,51;	37,81	Caroçável	Van	22

LEVANTAMENTO PLANIMÉTRICO

**TOPOGEO** LEVANTAMENTO:  
TOPOGRAFIA E GEODESIA  
L.TDA.

LOCAL: SÍTIO CORRENTE (rota 33) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

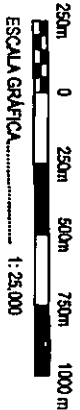
CONTEÚDO: PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CORRENTE

PERCURSO UNITÁRIO : 9,93 km

DATA: ABRIL / 2018

ESCALA: 1 : 25.000

PRANCHA: 212



99688-8559/99652-4881  
clevilandlencar@gmail.com

CLEVLAND AL ENCANT DE OLIVEIRA  
TEC. CONS. CIVIL, TOPO. ESTRADAS  
CREA: RNP 080784583-5



Corrente4.txt

1	24M	478025,346	9150581,897	560,586
2	24M	478008,708	9150578,711	560,105
3	24M	478018,605	9150605,310	560,586
4	24M	478041,169	9150626,447	560,586
5	24M	478063,594	9150646,186	560,105
6	24M	478094,135	9150667,253	558,663
7	24M	478128,135	9150686,311	556,741
8	24M	478164,169	9150702,552	554,818
9	24M	478202,711	9150711,558	554,337
10	24M	478238,879	9150719,776	553,857
11	24M	478265,409	9150738,812	552,895
12	24M	478286,224	9150764,674	550,973
13	24M	478284,859	9150797,578	550,012
14	24M	478281,572	9150830,045	548,089
15	24M	478288,483	9150857,143	546,166
16	24M	478318,101	9150876,291	544,244
17	24M	478345,202	9150900,646	543,763
18	24M	478362,086	9150929,842	543,763
19	24M	478375,190	9150958,240	545,686
20	24M	478385,780	9150987,081	546,166
21	24M	478404,087	9151017,863	545,205
22	24M	478430,591	9151034,119	543,763
23	24M	478451,529	9151054,357	540,398
24	24M	478477,313	9151068,073	537,995
25	24M	478506,707	9151071,357	535,592
26	24M	478534,769	9151055,590	534,630
27	24M	478550,017	9151025,278	534,630
28	24M	478565,322	9150989,804	534,150
29	24M	478588,675	9150962,896	532,708
30	24M	478618,365	9150946,527	531,746
31	24M	478648,319	9150937,765	530,304
32	24M	478679,281	9150929,440	531,266
33	24M	478709,363	9150923,421	531,266
34	24M	478739,048	9150917,319	531,746
35	24M	478770,803	9150912,514	532,708
36	24M	478802,327	9150905,292	532,227
37	24M	478831,514	9150897,836	532,227
38	24M	478862,140	9150894,208	532,227
39	24M	478892,655	9150893,101	534,150
40	24M	478919,408	9150909,551	535,111
41	24M	478945,377	9150924,666	535,592
42	24M	478970,485	9150940,745	535,592
43	24M	479003,676	9150948,738	535,592
44	24M	479035,949	9150943,841	534,630
45	24M	479065,772	9150938,536	534,630
46	24M	479095,523	9150950,465	534,630
47	24M	479101,612	9150977,989	531,266
48	24M	479107,947	9151011,628	530,785
49	24M	479139,671	9151014,311	530,304
50	24M	479173,775	9151008,219	529,343
51	24M	479203,020	9151013,023	527,420
52	24M	479233,364	9151022,330	528,863

F.L.S. 298  
47

Corrente4.txt

53	24M	479268,550	9151033,938	529,824
54	24M	479298,218	9151044,625	528,863
55	24M	479325,955	9151053,672	525,978
56	24M	479358,545	9151063,879	525,498
57	24M	479389,451	9151075,429	524,537
58	24M	479420,876	9151086,655	523,095
59	24M	479451,986	9151097,640	522,614
60	24M	479487,681	9151109,451	521,172
61	24M	479519,411	9151119,602	519,730
62	24M	479553,433	9151129,763	519,249
63	24M	479578,079	9151124,780	517,807
64	24M	479574,395	9151093,495	518,288
65	24M	479568,549	9151061,830	518,769
66	24M	479578,915	9151031,766	518,769
67	24M	479641,700	9151030,273	516,846
68	24M	479658,810	9151030,892	516,365
69	24M	479689,185	9151031,526	516,365
70	24M	479720,466	9151031,817	516,365
71	24M	479751,082	9151032,080	514,923
72	24M	479783,704	9151032,020	514,923
73	24M	479813,478	9151032,978	513,962
74	24M	479847,874	9151033,530	513,481
75	24M	479878,656	9151034,387	513,962
76	24M	479911,619	9151034,994	514,443
77	24M	479944,056	9151035,258	515,885
78	24M	479982,400	9151035,191	516,846
79	24M	480011,315	9151033,099	518,769
80	24M	480041,293	9151033,733	517,807
81	24M	480076,688	9151033,757	517,327
82	24M	480113,247	9151033,995	516,365
83	24M	480149,825	9151034,575	515,404
84	24M	480185,201	9151034,831	514,923
85	24M	480219,662	9151035,235	514,443
86	24M	480254,983	9151035,231	513,962
87	24M	480289,102	9151035,671	513,001
88	24M	480329,267	9151035,985	512,520
89	24M	480363,127	9151037,750	513,001
90	24M	480398,179	9151038,182	513,001
91	24M	480432,909	9151037,937	513,001
92	24M	480469,209	9151038,758	513,481
93	24M	480497,426	9151050,306	513,001
94	24M	480530,652	9151042,314	513,001
95	24M	480559,053	9151033,142	512,520
96	24M	480589,746	9151023,435	512,520
97	24M	480618,480	9151014,866	512,039
98	24M	480651,374	9151004,677	512,039
99	24M	480685,210	9150994,498	512,039
100	24M	480717,281	9150986,607	512,520
101	24M	480749,470	9150981,524	512,039
102	24M	480779,014	9150979,423	511,559
103	24M	480809,749	9150980,844	510,597
104	24M	480839,680	9150984,081	510,597



Corrente4.txt

105	24M	480871,395	\$150984,715	511,078
106	24M	480908,202	\$150989,780	511,078
107	24M	480941,525	\$150994,510	509,636
108	24M	480975,941	\$150991,818	507,714
109	24M	481013,235	\$150981,482	507,233
110	24M	481044,630	\$150972,692	506,272
111	24M	481074,418	\$150963,920	505,310
112	24M	481110,167	\$150955,909	504,830
113	24M	481141,098	\$150953,930	503,868
114	24M	481173,433	\$150953,674	503,388
115	24M	481203,743	\$150953,908	502,426
116	24M	481236,532	\$150951,771	501,465
117	24M	481276,336	\$150952,779	500,984
118	24M	481306,757	\$150953,875	500,504
119	24M	481345,774	\$150956,568	500,023
120	24M	481380,105	\$150960,149	500,023
121	24M	481416,719	\$150962,397	499,542
122	24M	481445,598	\$150958,489	500,023
123	24M	481466,406	\$150934,979	500,023
124	24M	481477,149	\$150905,841	500,504
125	24M	481498,067	\$150885,630	501,465
126	24M	481523,068	\$150871,852	501,946
127	24M	481553,682	\$150852,201	501,946
128	24M	481589,128	\$150839,362	501,946
129	24M	481618,710	\$150835,102	501,946
130	24M	481649,873	\$150828,776	501,946
131	24M	481681,111	\$150821,774	501,946
132	24M	481716,204	\$150812,883	501,946
133	24M	481751,230	\$150808,513	501,946
134	24M	481779,818	\$150817,077	501,465
135	24M	481815,339	\$150825,551	501,946
136	24M	481842,431	\$150830,046	501,465
137	24M	481877,156	\$150841,068	501,946
138	24M	481911,973	\$150851,922	502,426
139	24M	481942,789	\$150860,858	501,946
140	24M	481977,885	\$150868,627	501,946
141	24M	482014,302	\$150877,731	501,465
142	24M	482045,404	\$150887,083	501,465
143	24M	482078,447	\$150897,029	501,946
144	24M	482108,469	\$150902,452	502,426
145	24M	482141,939	\$150908,348	501,946
146	24M	482175,160	\$150910,233	500,984
147	24M	482211,518	\$150905,854	499,062
148	24M	482243,246	\$150899,065	498,100
149	24M	482277,238	\$150891,109	497,620
150	24M	482306,655	\$150882,502	497,620
151	24M	482338,476	\$150874,703	497,620
152	24M	482376,860	\$150864,848	498,100
153	24M	482413,562	\$150853,705	498,581
154	24M	482447,139	\$150845,221	500,023
155	24M	482474,612	\$150842,562	499,062
156	24M	482511,988	\$150834,348	500,023

FLS 300  
4

Corrente4.txt

157	24M	482546,842	9150823,121	500,504
158	24M	482578,315	9150828,340	499,542
159	24M	482611,633	9150845,189	499,062
160	24M	482640,839	9150856,162	498,581
161	24M	482679,901	9150864,738	499,062
162	24M	482711,170	9150871,189	500,023
163	24M	482741,753	9150884,284	501,465
164	24M	482776,283	9150898,132	501,465
165	24M	482812,514	9150913,814	502,907
166	24M	482845,536	9150929,226	504,349
167	24M	482876,563	9150942,359	503,868
168	24M	482908,389	9150943,751	503,868
169	24M	482939,395	9150937,183	503,868
170	24M	482966,494	9150923,210	503,388
171	24M	482989,209	9150890,305	502,426
172	24M	483010,194	9150860,178	502,426
173	24M	483028,829	9150835,972	501,946
174	24M	483049,742	9150799,443	500,984
175	24M	483064,257	9150769,834	500,984
176	24M	483071,081	9150738,257	499,542
177	24M	483093,384	9150716,860	497,620
178	24M	483129,475	9150709,738	498,100
179	24M	483164,983	9150701,846	497,139
180	24M	483201,121	9150689,952	497,620
181	24M	483235,750	9150685,813	497,139
182	24M	483266,838	9150682,933	497,139
183	24M	483300,050	9150685,623	496,658
184	24M	483333,549	9150687,219	495,216
185	24M	483366,318	9150688,861	495,697
186	24M	483400,895	9150700,364	496,658
187	24M	483436,092	9150710,754	498,100
188	24M	483473,470	9150720,274	498,581
189	24M	483510,866	9150735,058	498,581
190	24M	483540,486	9150752,822	499,062
191	24M	483568,376	9150773,940	497,620
192	24M	483594,549	9150791,639	497,139
193	24M	483626,709	9150789,009	498,581
194	24M	483659,407	9150781,098	498,581
195	24M	483692,451	9150789,106	498,581
196	24M	483717,386	9150801,615	497,139
197	24M	483744,170	9150815,375	496,178
198	24M	483772,090	9150831,813	495,697
199	24M	483806,433	9150851,729	495,216
200	24M	483836,139	9150864,008	494,255
201	24M	483866,959	9150861,887	494,255
202	24M	483899,800	9150866,476	494,255
203	24M	483934,776	9150875,846	494,736
204	24M	483967,725	9150890,433	495,697
205	24M	483992,038	9150912,152	496,178
206	24M	484000,957	9150944,754	497,139
207	24M	483993,792	9150975,525	499,542
208	24M	483985,877	9151009,779	502,426

*[Handwritten signature]*



Corrente4.txt

209	24M	483982,787	9151044,647	503,868
210	24M	483982,785	9151077,032	503,388
211	24M	483981,647	9151106,248	502,426
212	24M	483976,358	9151139,688	501,465
213	24M	483970,467	9151174,342	500,504
214	24M	483965,039	9151205,891	500,023
215	24M	483958,982	9151239,794	500,023
216	24M	483952,955	9151269,009	499,542
217	24M	483946,389	9151302,180	500,023
218	24M	483940,740	9151332,821	499,542
219	24M	483934,211	9151367,993	497,620
220	24M	483928,830	9151399,339	495,216
221	24M	483920,277	9151434,335	493,774
222	24M	483912,787	9151465,911	492,813
223	24M	483901,731	9151494,411	492,813
224	24M	483885,556	9151517,070	492,332
225	24M	483856,727	9151534,759	492,332
226	24M	483822,924	9151554,271	491,371
227	24M	483785,101	9151573,662	490,410
228	24M	483747,323	9151593,858	489,448
229	24M	483721,851	9151607,554	489,448
230	24M	483682,400	9151628,427	489,448
231	24M	483645,305	9151650,875	490,890
232	24M	483610,162	9151670,730	491,371
233	24M	483574,944	9151690,992	491,371
234	24M	483538,646	9151708,687	491,371
235	24M	483503,965	9151728,977	491,852
236	24M	483473,156	9151753,031	491,371
237	24M	483451,607	9151781,610	491,371
238	24M	483439,616	9151811,860	490,410
239	24M	483430,100	9151849,190	489,929
240	24M	483419,329	9151879,959	489,929
241	24M	483405,108	9151916,815	489,929
242	24M	483383,115	9151948,702	491,371
243	24M	483357,499	9151976,037	493,294
244	24M	483333,068	9151999,695	494,255
245	24M	483300,012	9152022,895	494,736
246	24M	483270,710	9152045,448	493,774
247	24M	483248,396	9152067,494	494,736
248	24M	483219,398	9152091,409	496,178
249	24M	483188,439	9152118,807	497,620
250	24M	483159,865	9152147,967	498,581
251	24M	483136,392	9152179,825	499,542
252	24M	483118,549	9152210,898	500,504
253	24M	483092,463	9152235,268	501,946
254	24M	483059,727	9152242,595	505,310
255	24M	483031,767	9152231,058	506,272
256	24M	483001,608	9152218,593	508,194
257	24M	482973,417	9152208,520	507,714
258	24M	482946,988	9152209,734	508,194
259	24M	482936,356	9152240,336	507,233
260	24M	482934,504	9152274,074	504,349

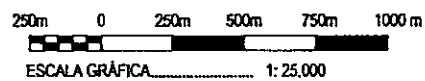
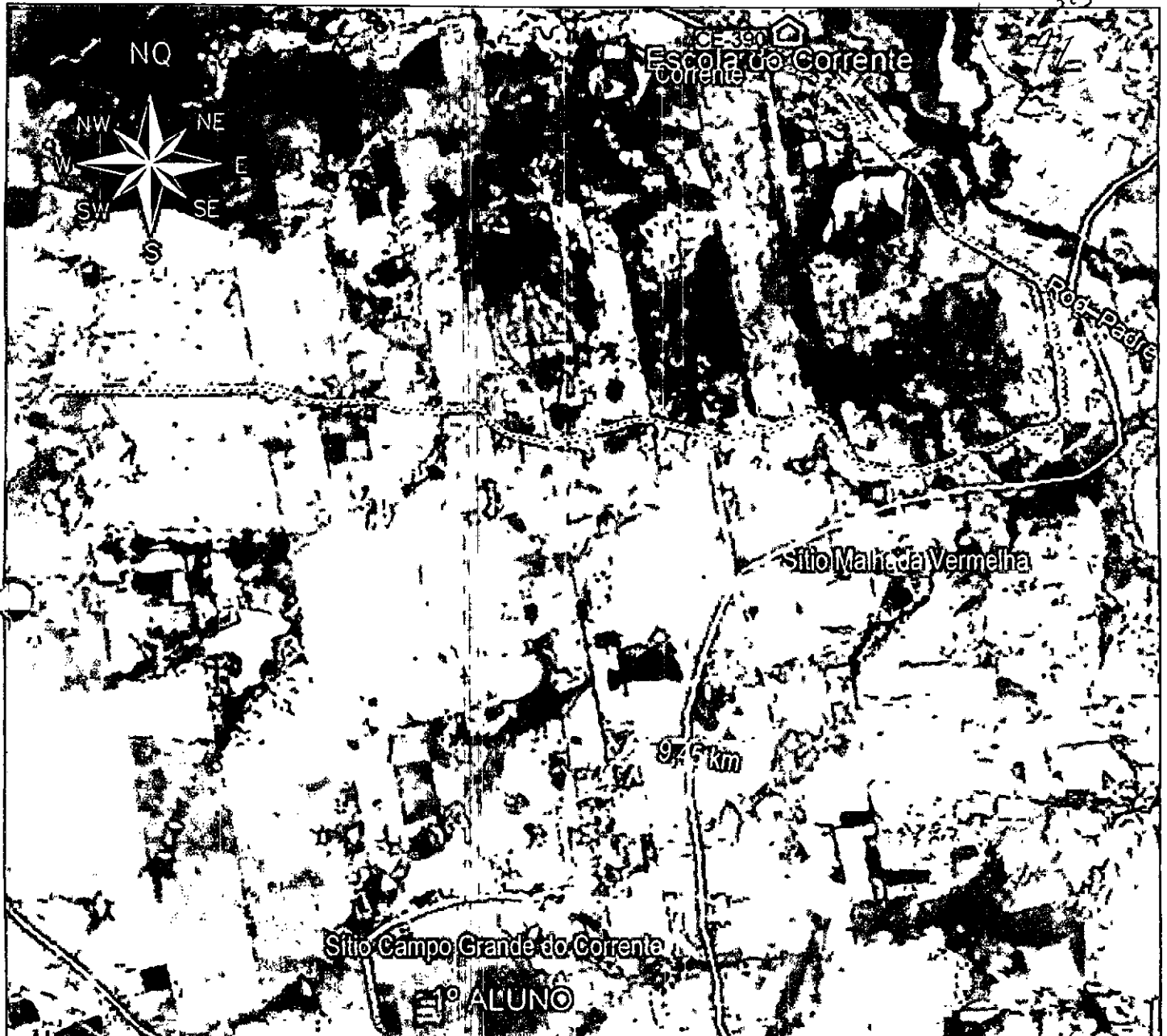
FLS 302  
47

Corrente4.txt

261	24M	482934,215	9152305,829	503,388
262	24M	482959,211	9152331,672	502,426
263	24M	482940,132	9152355,414	503,388
264	24M	482914,359	9152380,665	504,830
265	24M	482887,275	9152403,348	506,752
266	24M	482853,908	9152418,458	505,310
267	24M	482825,330	9152428,567	500,984
268	24M	482798,584	9152437,434	499,542
269	24M	482771,688	9152449,860	499,542
270	24M	482741,095	9152461,932	497,620
271	24M	482707,293	9152475,967	495,697
272	24M	482679,149	9152489,810	493,774
273	24M	482650,108	9152502,373	493,774
274	24M	482617,591	9152517,261	494,255
275	24M	482610,889	9152541,833	495,216
276	24M	482641,006	9152544,818	495,216
277	24M	482672,901	9152536,565	495,697
278	24M	482703,576	9152528,792	496,178
279	24M	482736,369	9152519,019	496,178
280	24M	482765,906	9152511,691	497,139
281	24M	482797,036	9152499,545	499,062


*[Handwritten signature]*





ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
34	1	1	Sítio Campo Grande do Corrente/Sítio Pinto/ Sítio Malhada Vermelha/Distrito do Corrente(EEF Luiz Leite Bringel)	UTM Z-24M E(X)480999,12; N(Y)9148289,55	UTM Z-24M E(X)482797,51; N(Y)9152505,20	57,66	Caroçável	Micro-ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevilandalencar@gmail.com	LEVANTAMENTO:   CLEVILAND ALENCAR DE OLIVEIRA TEC. CONS. CIVIL TOPO. ESTRADAS CREA: RNP 060784563-5	PRANCHA: <b>1 / 2</b>
	LOCAL: SÍTIO CAMPO GRANDE DO CORRENTE (rota 34) - JARDIM - CE PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)	

CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CAMPO GRANDE	PERCURSO UNITÁRIO : 14,42 km	DATA: ABRIL / 2018	ESCALA: 1 : 25.000
--	------------------------------	--------------------	--------------------

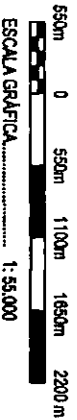
Escola do Corrente 14,42 km  
Sítio Campo Grande

ITEM	PERÍODO MANUTENÇÃO	PERÍODO REPARAÇÃO	NOTAS/REMARKS	CODIGO SAÍDA	CODIGO CHAMADA	ORDEM DE DIA	TIPO DE ESTIMAÇÃO	TIPO DE VEÍCULO	ORDEM DE SERVIÇO DE ALÍQUOTA
34	1	1	Sítio do tipo grande do Corrente/Sítio Pintado/Sítio Carreta/Sítio Malhada Vermelha/Distrito do Corrente(EEF Luiz Leiva Brinquel)	EX0480999J.12	EX0482797.51	57/66	Carçável	Micro-ônibus	29
				NY9148289.55	NY9152505.20				

**LEVANTAMENTO PLANIMETRICO**

**TOPOGEO**

TOPOGRAFIA E GEODESIA LTDA.



(88)  
99688-85589/99652-4881  
clevlandalencar@gmail.com

CLEVLAND ALENCAR DE OLIVEIRA  
Téc. Cont. Civil, Topo. Estradas  
CREA: RNP 08074653-5

LEVANTAMENTO:  
 LOCAL: SÍTIO CAMPO GRANDE DO CORRENTE (rota 34) - JARDIM - CE  
 PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

PRANCHAS:  
**2/2**

CONTEÚDO: PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO CAMPO GRANDE

PERCURSO UNITÁRIO : 14,42 km

DATA:

ABRIL / 2018

ESCALA: 1 : 55.000

FLS 305  
47

Campo Grande.txt

1	24M	480998,069	9148287,134	524,537
2	24M	480988,591	9148317,969	523,095
3	24M	480964,879	9148438,939	517,327
4	24M	480931,677	9148621,582	512,039
5	24M	480945,860	9148659,542	511,559
6	24M	481045,216	9148730,747	512,520
7	24M	481085,436	9148749,740	512,039
8	24M	481222,662	9148801,982	513,962
9	24M	481343,331	9148835,240	514,443
10	24M	481471,106	9148851,896	515,404
11	24M	481525,529	9148856,661	515,885
12	24M	481662,782	9148842,482	516,365
13	24M	481750,325	9148870,982	514,923
14	24M	481800,017	9148871,001	513,962
15	24M	481842,606	9148885,250	513,481
16	24M	481837,859	9148923,203	513,001
17	24M	481792,799	9149179,378	510,597
18	24M	481792,782	9149224,449	510,597
19	24M	481866,120	9149271,921	511,078
20	24M	481903,976	9149288,540	511,078
21	24M	481986,794	9149298,061	511,559
22	24M	482019,914	9149321,795	512,039
23	24M	482000,950	9149409,557	511,559
24	24M	482026,969	9149435,661	512,039
25	24M	482128,694	9149511,608	511,078
26	24M	482168,916	9149528,229	509,636
27	24M	482351,130	9149516,436	505,310
28	24M	482398,457	9149516,454	505,310
29	24M	482486,014	9149511,742	504,830
30	24M	482590,133	9149511,781	502,426
31	24M	482630,356	9149526,029	501,946
32	24M	482720,261	9149571,133	500,504
33	24M	482739,182	9149599,605	501,465
34	24M	482722,586	9149684,997	500,984
35	24M	482684,678	9149810,707	498,100
36	24M	482618,378	9149922,174	502,426
37	24M	482599,433	9149962,493	503,388
38	24M	482480,873	9150610,047	500,023
39	24M	482452,412	9150783,204	499,062
40	24M	482452,396	9150825,903	500,023
41	24M	482435,824	9150847,246	497,620
42	24M	482413,562	9150853,705	498,581
43	24M	482376,860	9150864,848	498,100
44	24M	482338,476	9150874,703	497,620
45	24M	482306,655	9150882,502	497,620
46	24M	482277,238	9150891,109	497,620
47	24M	482243,246	9150899,065	498,100
48	24M	482211,518	9150905,854	499,062
49	24M	482175,160	9150910,233	500,984
50	24M	482141,939	9150908,348	501,946
51	24M	482108,469	9150902,452	502,426
52	24M	482078,447	9150897,029	501,946

FLS 306  
47

Campo Grande.txt

53	24M	482045,404	9150887,083	501,465
54	24M	482014,302	9150877,731	501,465
55	24M	481977,885	9150868,627	501,946
56	24M	481942,789	9150860,858	501,946
57	24M	481911,973	9150851,922	502,426
58	24M	481877,156	9150841,068	501,946
59	24M	481842,431	9150830,046	501,465
60	24M	481815,339	9150825,551	501,946
61	24M	481779,818	9150817,077	501,465
62	24M	481751,230	9150808,513	501,946
63	24M	481716,204	9150812,883	501,946
64	24M	481681,111	9150821,774	501,946
65	24M	481649,873	9150828,776	501,946
66	24M	481618,710	9150835,102	501,946
67	24M	481589,128	9150839,362	501,946
68	24M	481553,682	9150852,201	501,946
69	24M	481523,068	9150871,852	501,946
70	24M	481498,067	9150885,630	501,465
71	24M	481477,149	9150905,841	500,504
72	24M	481466,406	9150934,979	500,023
73	24M	481445,598	9150958,489	500,023
74	24M	481416,719	9150962,397	499,542
75	24M	481380,105	9150960,149	500,023
76	24M	481345,774	9150956,568	500,023
77	24M	481306,757	9150953,875	500,504
78	24M	481276,336	9150952,779	500,984
79	24M	481236,532	9150951,771	501,465
80	24M	481203,743	9150953,908	502,426
81	24M	481173,433	9150953,674	503,388
82	24M	481141,098	9150953,930	503,868
83	24M	481110,167	9150955,909	504,830
84	24M	481074,418	9150963,920	505,310
85	24M	481044,630	9150972,692	506,272
86	24M	481013,235	9150981,482	507,233
87	24M	480975,941	9150991,818	507,714
88	24M	480941,525	9150994,510	509,636
89	24M	480908,202	9150989,780	511,078
90	24M	480871,395	9150984,715	511,078
91	24M	480839,680	9150984,081	510,597
92	24M	480809,749	9150980,844	510,597
93	24M	480779,014	9150979,423	511,559
94	24M	480749,470	9150981,524	512,039
95	24M	480717,281	9150986,607	512,520
96	24M	480685,210	9150994,498	512,039
97	24M	480651,374	9151004,677	512,039
98	24M	480618,480	9151014,866	512,039
99	24M	480589,746	9151023,435	512,520
100	24M	480559,053	9151033,142	512,520
101	24M	480530,652	9151042,314	513,001
102	24M	480497,426	9151050,306	513,001
103	24M	480469,209	9151038,758	513,481
104	24M	480432,909	9151037,937	513,001



Campo Grande.txt

105	24M	480398,179	9151038,182	513,001
106	24M	480363,127	9151037,750	513,001
107	24M	480329,267	9151035,985	512,520
108	24M	480289,102	9151035,671	513,001
109	24M	480254,983	9151035,231	513,962
110	24M	480219,662	9151035,235	514,443
111	24M	480185,201	9151034,831	514,923
112	24M	480149,825	9151034,575	515,404
113	24M	480113,247	9151033,995	516,365
114	24M	480076,688	9151033,757	517,327
115	24M	480041,293	9151033,733	517,807
116	24M	480011,315	9151033,099	518,769
117	24M	479982,400	9151035,191	516,846
118	24M	479944,056	9151035,258	515,885
119	24M	479911,619	9151034,994	514,443
120	24M	479878,656	9151034,387	513,962
121	24M	479847,874	9151033,530	513,481
122	24M	479813,478	9151032,978	513,962
123	24M	479783,704	9151032,020	514,923
124	24M	479751,082	9151032,080	514,923
125	24M	479720,466	9151031,817	516,365
126	24M	479689,185	9151031,526	516,365
127	24M	479658,810	9151030,892	516,365
128	24M	479641,700	9151030,273	516,846
129	24M	479578,915	9151031,766	518,769
130	24M	479910,768	9151036,013	514,443
131	24M	480010,160	9151033,683	518,769
132	24M	480433,750	9151038,604	513,001
133	24M	480469,246	9151038,619	513,481
134	24M	480497,638	9151050,491	513,001
135	24M	480684,610	9150993,636	512,039
136	24M	480748,508	9150981,802	512,039
137	24M	480779,273	9150979,442	511,559
138	24M	480871,562	9150984,224	511,078
139	24M	480942,551	9150993,741	509,636
140	24M	480975,682	9150991,382	507,714
141	24M	481110,583	9150955,854	504,830
142	24M	481236,005	9150951,160	501,465
143	24M	481306,997	9150953,560	500,504
144	24M	481415,849	9150963,091	499,542
145	24M	481446,615	9150958,359	500,023
146	24M	481465,556	9150934,645	500,023
147	24M	481477,399	9150906,184	500,504
148	24M	481498,705	9150884,843	501,465
149	24M	481553,146	9150851,654	501,946
150	24M	481588,647	9150839,807	501,946
151	24M	481650,178	9150827,970	501,946
152	24M	481716,444	9150813,763	501,946
153	24M	481751,942	9150809,032	501,946
154	24M	481841,858	9150830,416	501,465
155	24M	481943,602	9150861,293	501,946
156	24M	482014,589	9150877,925	501,465

FLS 308  
41

Campo Grande.txt

157	24M	482078,475	9150896,927	501,946
158	24M	482142,364	9150908,812	501,946
159	24M	482175,493	9150911,197	500,984
160	24M	482210,991	9150906,466	499,062
161	24M	482277,256	9150892,258	497,620
162	24M	482447,139	9150845,221	500,023
163	24M	482474,612	9150842,562	499,062
164	24M	482511,988	9150834,348	500,023
165	24M	482546,842	9150823,121	500,504
166	24M	482578,315	9150828,340	499,542
167	24M	482611,633	9150845,189	499,062
168	24M	482640,839	9150856,162	498,581
169	24M	482679,901	9150864,738	499,062
170	24M	482711,170	9150871,189	500,023
171	24M	482741,753	9150884,284	501,465
172	24M	482776,283	9150898,132	501,465
173	24M	482812,514	9150913,814	502,907
174	24M	482845,536	9150929,226	504,349
175	24M	482876,563	9150942,359	503,868
176	24M	482908,389	9150943,751	503,868
177	24M	482939,395	9150937,183	503,868
178	24M	482966,494	9150923,210	503,388
179	24M	482989,209	9150890,305	502,426
180	24M	483010,194	9150860,178	502,426
181	24M	483028,829	9150835,972	501,946
182	24M	483049,742	9150799,443	500,984
183	24M	483064,257	9150769,834	500,984
184	24M	483071,081	9150738,257	499,542
185	24M	483093,384	9150716,860	497,620
186	24M	483129,475	9150709,738	498,100
187	24M	483164,983	9150701,846	497,139
188	24M	483201,121	9150689,952	497,620
189	24M	483235,750	9150685,813	497,139
190	24M	483266,838	9150682,933	497,139
191	24M	483300,050	9150685,623	496,658
192	24M	483333,549	9150687,219	495,216
193	24M	483366,318	9150688,861	495,697
194	24M	483400,895	9150700,364	496,658
195	24M	483436,092	9150710,754	498,100
196	24M	483473,470	9150720,274	498,581
197	24M	483510,866	9150735,058	498,581
198	24M	483540,486	9150752,822	499,062
199	24M	483568,376	9150773,940	497,620
200	24M	483594,549	9150791,639	497,139
201	24M	483626,709	9150789,009	498,581
202	24M	483659,407	9150781,098	498,581
203	24M	483692,451	9150789,106	498,581
204	24M	483717,386	9150801,615	497,139
205	24M	483744,170	9150815,375	496,178
206	24M	483772,090	9150831,813	495,697
207	24M	483806,433	9150851,729	495,216
208	24M	483836,139	9150864,008	494,255

FLS 308  
A

Campo Grande.txt

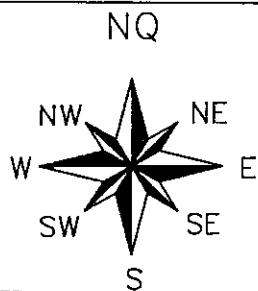
209	24M	483866,959	9150861,887	494,255
210	24M	483899,800	9150866,476	494,255
211	24M	483934,776	9150875,846	494,736
212	24M	483967,725	9150890,433	495,697
213	24M	483992,038	9150912,152	496,178
214	24M	484000,957	9150944,754	497,139
215	24M	483993,792	9150975,525	499,542
216	24M	483985,877	9151009,779	502,426
217	24M	483982,787	9151044,647	503,868
218	24M	483982,785	9151077,032	503,388
219	24M	483981,647	9151106,248	502,426
220	24M	483976,358	9151139,688	501,465
221	24M	483970,467	9151174,342	500,504
222	24M	483965,039	9151205,891	500,023
223	24M	483958,982	9151239,794	500,023
224	24M	483952,955	9151269,009	499,542
225	24M	483946,389	9151302,180	500,023
226	24M	483940,740	9151332,821	499,542
227	24M	483934,211	9151367,993	497,620
228	24M	483928,830	9151399,339	495,216
229	24M	483920,277	9151434,335	493,774
230	24M	483912,787	9151465,911	492,813
231	24M	483901,731	9151494,411	492,813
232	24M	483885,556	9151517,070	492,332
233	24M	483856,727	9151534,759	492,332
234	24M	483822,924	9151554,271	491,371
235	24M	483785,101	9151573,662	490,410
236	24M	483747,323	9151593,858	489,448
237	24M	483721,851	9151607,554	489,448
238	24M	483682,400	9151628,427	489,448
239	24M	483645,305	9151650,875	490,890
240	24M	483610,162	9151670,730	491,371
241	24M	483574,944	9151690,992	491,371
242	24M	483538,646	9151708,687	491,371
243	24M	483503,965	9151728,977	491,852
244	24M	483473,156	9151753,031	491,371
245	24M	483451,607	9151781,610	491,371
246	24M	483439,616	9151811,860	490,410
247	24M	483430,100	9151849,190	489,929
248	24M	483419,329	9151879,959	489,929
249	24M	483405,108	9151916,815	489,929
250	24M	483383,115	9151948,702	491,371
251	24M	483357,499	9151976,037	493,294
252	24M	483333,068	9151999,695	494,255
253	24M	483300,012	9152022,895	494,736
254	24M	483270,710	9152045,448	493,774
255	24M	483248,396	9152067,494	494,736
256	24M	483219,398	9152091,409	496,178
257	24M	483188,439	9152118,807	497,620
258	24M	483159,865	9152147,967	498,581
259	24M	483136,392	9152179,825	499,542
260	24M	483118,549	9152210,898	500,504

FLS 310  
47

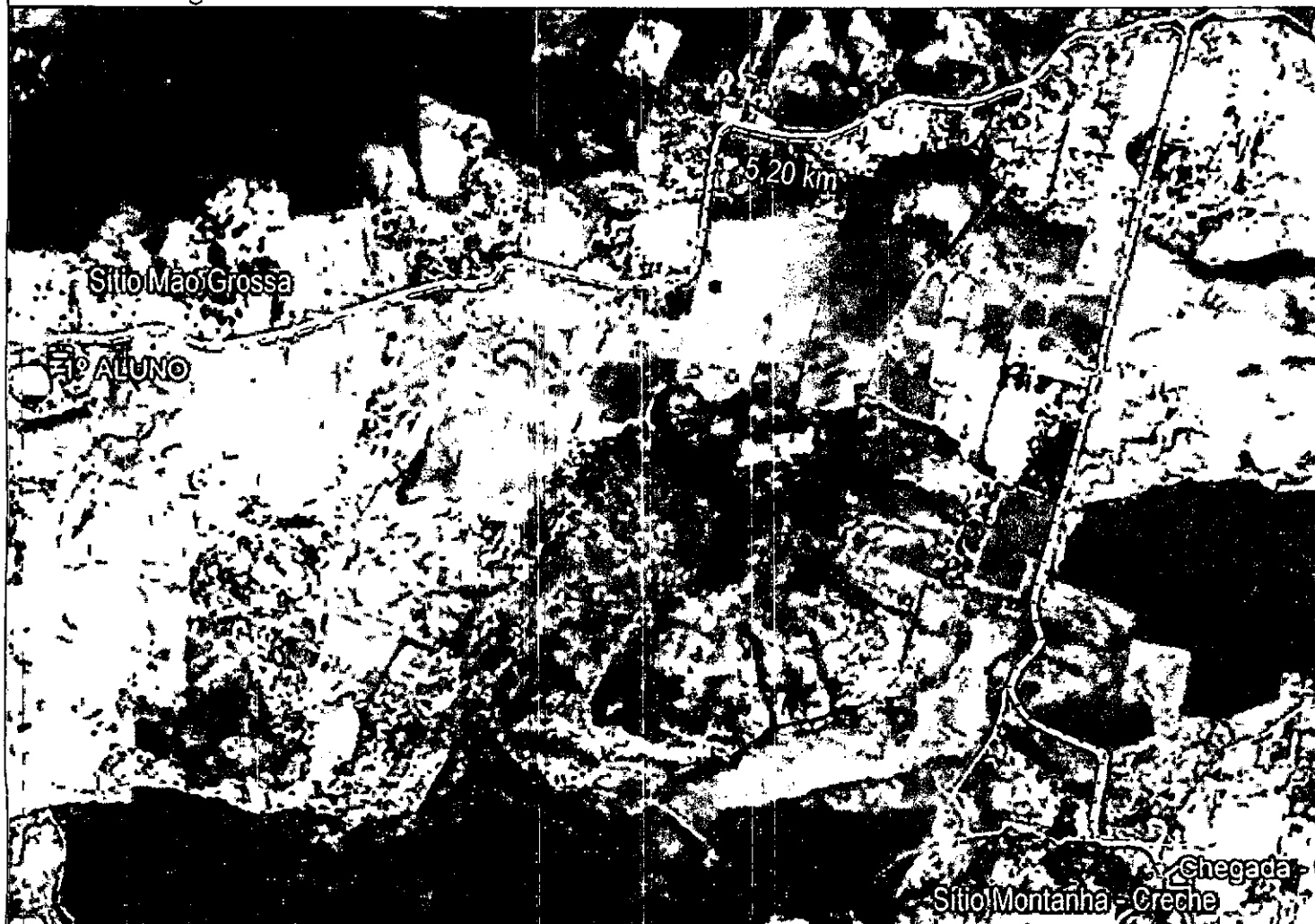
campo Grande.txt

261	24M	483092,463	152235,268	501,946
262	24M	483059,727	152242,595	505,310
263	24M	483031,767	152231,058	506,272
264	24M	483001,608	152218,593	508,194
265	24M	482973,417	152208,520	507,714
266	24M	482946,988	152209,734	508,194
267	24M	482936,356	152240,336	507,233
268	24M	482934,504	152274,074	504,349
269	24M	482934,215	152305,829	503,388
270	24M	482959,211	152331,672	502,426
271	24M	482940,132	152355,414	503,388
272	24M	482914,359	152380,665	504,830
273	24M	482887,275	152403,348	506,752
274	24M	482853,908	152418,458	505,310
275	24M	482825,330	152428,567	500,984
276	24M	482798,584	152437,434	499,542
277	24M	482771,688	152449,860	499,542
278	24M	482741,095	152461,932	497,620
279	24M	482707,293	152475,967	495,697
280	24M	482679,149	152489,810	493,774
281	24M	482650,108	152502,373	493,774
282	24M	482617,591	152517,261	494,255
283	24M	482610,889	152541,833	495,216
284	24M	482641,006	152544,818	495,216
285	24M	482672,901	152536,565	495,697
286	24M	482703,576	152528,792	496,178
287	24M	482736,369	152519,019	496,178
288	24M	482765,906	152511,691	497,139
289	24M	482797,036	152499,545	499,062





311  
41



150m 0 150m 300m 900m 1200 m  
ESCALA GRÁFICA..... 1 15.000

ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
35	1	1	Sítio Mão Grossa/Sítio Lagoa de Dentro/Sítio Montanha(Creche)	UTM Z-24M E(X)476020,79 ; N(Y) 9152306,13	UTM Z-24M E(X)478515,18, N(Y) 9151083,56	20,82	Carroçável	Caminhoneta Cab. Dupla	12

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTDA.

99688-8559/99652-4881  
clevilandalencar@gmail.com

LEVANTAMENTO:

*Clevilandalencar de Oliveira*  
CLEVILAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784563-5

LOCAL: SÍTIO CAMPO MONTANHA (rota 35) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

PRANCHA:  
1 / 2

CONTEÚDO:

PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO MONTANHA

PERCURSO UNITÁRIO : 5,20 km

DATA: ABRIL / 2018

ESCALA: 1 : 15.000

FLS 312  
47

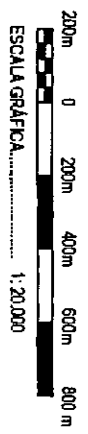
Sítio Mão Grossa

5,20 km

Sítio Montanha

35	1	1	Sítio Mão Grossa/Sítio Lagoa de Dentro/Sítio Montanha(Creche)	UTM Z-24M EX)476020,79 ; NY) 9152306,13	UTM Z-24M EX)476515,18; NY)9151083,56	20,82	Carroçável	Caminhoneta Cab. Dupla	12
----	---	---	---	---	---------------------------------------	-------	------------	------------------------	----

**LEVANTAMENTO PLANIMÉTRICO**



**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
LTD.A.  
(88)

LEVANTAMENTO:

CLEVLAND AGENCIA DE OLIVEIRA  
TEC. CONS. CIVIL, TOPO. ESTRADAS  
CREA: RNP 060784563-5

LOCAL: SÍTIO MONTANHA (rota 35) - JARDIM - CE  
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM(Sec. de Educação)

99888-85559/99652-4881  
clevandalencart@gmail.com

FRANCHA: 212

CONTEÚDO: PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO MONTANHA  
PERCUI UNITÁRIO : 5,20 km

DATA: ABRIL / 2018

ESCALA: 1 : 20.000

F.L.S 313  
47

Sítio Montanha.txt

1	24M	476020,551	9152307,401	536,072
2	24M	476057,250	9152307,929	536,553
3	24M	476094,865	9152306,521	536,553
4	24M	476142,976	9152316,099	537,514
5	24M	476179,559	9152327,348	539,918
6	24M	476222,552	9152329,695	539,918
7	24M	476263,770	9152314,176	541,360
8	24M	476308,531	9152295,370	539,437
9	24M	476351,462	9152292,129	535,592
10	24M	476393,362	9152299,461	529,343
11	24M	476432,665	9152307,042	527,420
12	24M	476474,037	9152315,857	526,940
13	24M	476517,360	9152324,672	530,785
14	24M	476559,654	9152338,573	527,901
15	24M	476604,601	9152353,394	523,095
16	24M	476647,552	9152367,630	521,653
17	24M	476689,643	9152380,818	522,133
18	24M	476731,013	9152395,136	522,133
19	24M	476772,716	9152408,880	523,095
20	24M	476812,729	9152420,046	524,537
21	24M	476852,677	9152430,546	528,863
22	24M	476893,535	9152433,522	529,343
23	24M	476935,070	9152431,124	528,382
24	24M	476976,728	9152442,449	528,863
25	24M	476997,187	9152476,855	529,343
26	24M	477035,816	9152481,655	534,630
27	24M	477081,201	9152470,307	537,995
28	24M	477120,827	9152460,495	536,072
29	24M	477163,456	9152451,898	533,188
30	24M	477208,997	9152442,746	533,669
31	24M	477252,459	9152432,769	534,630
32	24M	477295,555	9152432,901	534,150
33	24M	477339,392	9152430,605	532,708
34	24M	477380,421	9152442,282	533,188
35	24M	477423,793	9152446,667	530,304
36	24M	477442,774	9152478,904	527,901
37	24M	477449,003	9152522,097	526,459
38	24M	477454,189	9152561,305	525,978
39	24M	477460,655	9152609,715	524,537
40	24M	477467,449	9152649,257	526,459
41	24M	477472,754	9152691,393	528,863
42	24M	477480,546	9152732,502	526,459
43	24M	477490,934	9152775,873	526,459
44	24M	477516,993	9152795,678	524,056
45	24M	477558,893	9152785,514	525,017
46	24M	477604,167	9152774,907	524,056
47	24M	477646,556	9152767,283	524,056
48	24M	477691,974	9152764,848	524,056
49	24M	477734,349	9152766,453	524,537
50	24M	477771,579	9152778,702	523,575
51	24M	477810,018	9152795,529	523,575
52	24M	477844,645	9152817,321	524,537



Sítio Montanha.txt

53	24M	477880,262	9152839,956	525,017
54	24M	477920,387	9152850,316	522,133
55	24M	477963,383	9152847,056	522,133
56	24M	478009,478	9152840,211	522,614
57	24M	478056,753	9152840,010	522,133
58	24M	478102,691	9152852,708	522,614
59	24M	478142,333	9152869,127	524,056
60	24M	478182,679	9152880,367	523,095
61	24M	478219,459	9152905,264	524,056
62	24M	478247,936	9152936,819	524,056
63	24M	478275,643	9152970,997	524,537
64	24M	478311,926	9152993,178	525,978
65	24M	478353,434	9152991,993	529,343
66	24M	478401,556	9152998,621	527,420
67	24M	478446,439	9153015,580	526,459
68	24M	478488,978	9153022,568	522,614
69	24M	478528,726	9153028,099	522,133
70	24M	478556,199	9153009,765	518,769
71	24M	478550,376	9152966,146	517,327
72	24M	478536,966	9152918,363	516,365
73	24M	478524,098	9152876,548	514,923
74	24M	478511,544	9152836,151	513,962
75	24M	478500,194	9152792,530	513,481
76	24M	478489,849	9152752,328	513,001
77	24M	478478,766	9152711,135	513,001
78	24M	478468,662	9152670,572	513,001
79	24M	478456,193	9152626,968	513,481
80	24M	478444,194	9152585,422	512,520
81	24M	478434,524	9152546,852	512,039
82	24M	478423,340	9152501,841	513,001
83	24M	478410,538	9152458,172	513,962
84	24M	478399,057	9152418,656	514,443
85	24M	478389,479	9152379,196	515,404
86	24M	478380,530	9152340,357	516,846
87	24M	478370,389	9152299,794	520,691
88	24M	478363,659	9152240,478	505,791
89	24M	478362,497	9152235,372	505,791
90	24M	478353,098	9152230,632	512,520
91	24M	478342,033	9152188,707	513,001
92	24M	478331,781	9152149,543	512,520
93	24M	478319,284	9152105,282	512,520
94	24M	478306,954	9152061,447	513,001
95	24M	478297,043	9152024,563	513,001
96	24M	478283,680	9151976,993	513,481
97	24M	478270,351	9151934,409	513,481
98	24M	478261,337	9151895,116	513,962
99	24M	478249,902	9151855,507	515,404
100	24M	478235,929	9151807,001	516,846
101	24M	478219,137	9151757,002	518,288
102	24M	478209,449	9151716,559	519,249
103	24M	478214,664	9151673,279	519,249
104	24M	478228,512	9151632,848	516,365

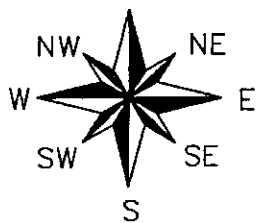
1.001  
T.S 315  
4

Sítio Montanha.txt

105	24M	478205,324	9151601,359	517,807
106	24M	478171,165	9151566,716	524,056
107	24M	478155,109	9151524,389	529,824
108	24M	478173,810	9151483,358	536,553
109	24M	478201,714	9151452,227	540,398
110	24M	478243,756	9151431,546	543,282
111	24M	478281,441	9151415,829	542,321
112	24M	478319,247	9151399,371	537,514
113	24M	478356,785	9151384,034	530,304
114	24M	478368,051	9151348,225	526,940
115	24M	478360,537	9151304,550	526,940
116	24M	478353,652	9151260,819	526,940
117	24M	478346,657	9151215,782	528,382
118	24M	478359,697	9151180,493	528,863
119	24M	478402,858	9151179,327	530,304
120	24M	478447,932	9151177,457	532,227
121	24M	478482,162	9151157,995	533,188
122	24M	478499,096	9151119,992	535,592
123	24M	478514,512	9151083,694	539,437

*[Handwritten signature]*

NQ



316  
44



200m 0 200m 400m 600m 800m

ESCALA GRÁFICA..... 1:20.000

ITEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD. CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
36	1	1	Sítio Mão Grossa/Sítio Algodões/Distrito de Fazenda Nova (EEF José da Costa Bezerra)	UTM Z-24M E(X) 477500,49 ; N(Y) 9152795,95	UTM Z-24M E(X) 474176,778 ; N(Y) 9151403,082	34,88	Carroçável	Caminhoneta Cab. Dupla	12

### LEVANTAMENTO PLANIMÉTRICO

**TOPOGEO**  
TOPOGRAFIA E  
GEODÉSIA  
LTDA.

(88)  
99688-8559/99652-4881  
devilandalencar@gmail.com

LEVANTAMENTO:

  
CLEVELAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784563-5

LOCAL: SÍTIO FAZENDA NOVA (rota 36) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHA:  
**1 / 2**

CONTEÚDO:

PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO FAZENDA NOVA

PERCURSO UNITÁRIO : 8,72 km

DATA:

ABRIL / 2018

ESCALA: 1 : 20.000

S 317  
A

Sítio Mão Grossa

4,18 km

Sítio Fazenda Nova

entroncamento

aluno mais distante  
4,54 km

entroncamento

PERFIL	PERFIL	PERFIL	PERFIL	PERFIL	PERFIL	PERFIL	PERFIL		
36	1	1	Sítio Mão Grossa/Sítio Algodões/Distrito de Fazenda Nova (EEF José da Costa Bezerra)	UTM Z-24M E(X)477500,49 ; N(Y) 9152795,95	UTM Z-24M E(X)474176,778 ; N(Y) 9151403,082	34,88	Carroçável	Caminhoneta	12

LEVANTAMENTO PLANIMETRICO

**TOPOGEO**  
TOPOGRAFIA E GEODESIA  
L.TDA.

LEVANTAMENTO:

CLEVLAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL, TOPO, ESTRADAS  
CREA: RNF 09078585-5

LOCAL: SÍTIO FAZENDA NOVA (rota 36) - JARDIM - CE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

CONTEÚDO: PERFIS DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO FAZENDA NOVA

PRANCHAS: 212



PERCUI UNITÁRIO: 8,72 km

DATA: ABRIL / 2018

ESCALA: 1 : 20.000

F.L.S. 318  
47

Fazenda Nova.txt

1	24M	474176,778	£151403,082	570,664
2	24M	474176,987	£151410,866	573,548
3	24M	474194,565	£151452,240	571,866
4	24M	474226,898	£151457,030	571,866
5	24M	474271,285	£151461,418	573,548
6	24M	474298,068	£151455,679	573,067
7	24M	474346,779	£151430,037	572,106
8	24M	474429,508	£151404,998	572,587
9	24M	474481,208	£151391,053	574,509
10	24M	474506,990	£151389,362	573,548
11	24M	474533,701	£151398,114	572,346
12	24M	474553,232	£151400,293	572,346
13	24M	474599,328	£151407,981	573,067
14	24M	474632,773	£151424,521	573,548
15	24M	474727,175	£151471,875	571,866
16	24M	474766,555	£151486,991	566,835
17	24M	474800,510	£151502,317	565,873
18	24M	474841,744	£151525,635	562,989
19	24M	474875,850	£151551,969	560,105
20	24M	474898,737	£151588,981	556,741
21	24M	474921,364	£151628,810	557,221
22	24M	474939,168	£151662,873	555,779
23	24M	474956,286	£151702,440	554,337
24	24M	474965,380	£151741,280	552,415
25	24M	474995,425	£151772,365	551,934
26	24M	475040,039	£151786,371	552,895
27	24M	475082,579	£151788,368	549,531
28	24M	475123,010	£151793,356	545,205
29	24M	475165,048	£151800,411	543,763
30	24M	475204,718	£151810,624	542,802
31	24M	475245,229	£151821,774	541,840
32	24M	475289,037	£151838,643	540,398
33	24M	475296,863	£151880,503	545,205
34	24M	475299,105	£151924,612	547,127
35	24M	475311,063	£151967,780	544,724
36	24M	475329,521	£152007,320	544,724
37	24M	475366,108	£152028,123	547,608
38	24M	475410,486	£152032,927	547,608
39	24M	475453,906	£152032,746	543,763
40	24M	475486,005	£152061,469	541,840
41	24M	475513,979	£152095,482	540,879
42	24M	475538,817	£152132,068	541,360
43	24M	475551,630	£152166,091	543,763
44	24M	475556,663	£152212,666	544,724
45	24M	475592,578	£152245,561	545,205
46	24M	475637,682	£152242,777	546,647
47	24M	475684,684	£152233,424	546,647
48	24M	475727,707	£152230,860	542,321
49	24M	475770,614	£152238,833	541,360
50	24M	475809,754	£152257,302	543,763
51	24M	475848,119	£152272,527	548,569
52	24M	475890,221	£152282,844	546,647



F.S. 319  
47

Fazenda Nova.txt

53	24M	475929,012	9152295,753	542,321
54	24M	475970,613	9152309,516	538,476
55	24M	476013,246	9152311,103	536,072
56	24M	476020,551	9152307,401	536,072
57	24M	476057,250	9152307,929	536,553
58	24M	476094,865	9152306,521	536,553
59	24M	476142,976	9152316,099	537,514
60	24M	476179,559	9152327,348	539,918
61	24M	476222,552	9152329,695	539,918
62	24M	476263,770	9152314,176	541,360
63	24M	476308,531	9152295,370	539,437
64	24M	476351,462	9152292,129	535,592
65	24M	476393,362	9152299,461	529,343
66	24M	476432,665	9152307,042	527,420
67	24M	476474,037	9152315,857	526,940
68	24M	476517,360	9152324,672	530,785
69	24M	476559,654	9152338,573	527,901
70	24M	476604,601	9152353,394	523,095
71	24M	476647,552	9152367,630	521,653
72	24M	476689,643	9152380,818	522,133
73	24M	476731,013	9152395,136	522,133
74	24M	476772,716	9152408,880	523,095
75	24M	476812,729	9152420,046	524,537
76	24M	476852,677	9152430,546	528,863
77	24M	476893,535	9152433,522	529,343
78	24M	476935,070	9152431,124	528,382
79	24M	476976,728	9152442,449	528,863
80	24M	476997,187	9152476,855	529,343
81	24M	477035,816	9152481,655	534,630
82	24M	477081,201	9152470,307	537,995
83	24M	477120,827	9152460,495	536,072
84	24M	477163,456	9152451,898	533,188
85	24M	477208,997	9152442,746	533,669
86	24M	477252,459	9152432,769	534,630
87	24M	477295,555	9152432,901	534,150
88	24M	477339,392	9152430,605	532,708
89	24M	477380,421	9152442,282	533,188
90	24M	477423,793	9152446,667	530,304
91	24M	477442,774	9152478,904	527,901
92	24M	477449,003	9152522,097	526,459
93	24M	477454,189	9152561,305	525,978
94	24M	477460,655	9152609,715	524,537
95	24M	477467,449	9152649,257	526,459
96	24M	477472,754	9152691,393	528,863
97	24M	477480,546	9152732,502	526,459
98	24M	477490,934	9152775,873	526,459
99	24M	477500,418	9152795,948	524,281

F.L.S 320  
A7

Fazenda Nova2.txt

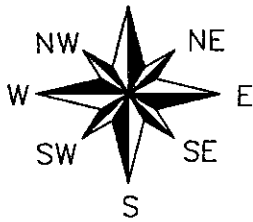
1	24M	474727,175	9151471,875	568,982
2	24M	474755,214	9151467,489	568,982
3	24M	474757,528	9151463,015	566,354
4	24M	474760,509	9151420,225	564,431
5	24M	474760,244	9151378,869	563,950
6	24M	474760,647	9151333,826	562,509
7	24M	474777,859	9151300,699	562,028
8	24M	474818,229	9151314,027	563,950
9	24M	474858,626	9151329,292	566,835
10	24M	474897,139	9151343,174	566,835
11	24M	474940,429	9151359,237	569,238
12	24M	474980,873	9151372,889	568,276
13	24M	475018,489	9151386,132	567,315
14	24M	475057,216	9151397,661	564,912
15	24M	475098,214	9151412,944	565,873
16	24M	475135,912	9151427,799	564,431
17	24M	475177,921	9151438,144	564,431
18	24M	475221,732	9151448,656	564,912
19	24M	475265,608	9151458,372	566,354
20	24M	475306,499	9151467,391	566,354
21	24M	475349,371	9151470,490	564,431
22	24M	475390,341	9151486,356	562,509
23	24M	475430,582	9151500,712	562,989
24	24M	475472,800	9151518,127	563,950
25	24M	475518,469	9151527,398	564,912
26	24M	475561,644	9151516,727	567,315
27	24M	475605,733	9151509,420	567,796
28	24M	475637,721	9151484,603	568,757
29	24M	475674,938	9151465,237	563,950
30	24M	475720,581	9151455,059	562,509
31	24M	475768,107	9151448,402	562,028
32	24M	475811,985	9151436,888	560,105
33	24M	475856,073	9151411,669	557,221
34	24M	475856,853	9151368,563	552,415
35	24M	475861,249	9151322,475	553,376
36	24M	475865,644	9151279,575	552,895
37	24M	475870,261	9151234,904	551,453
38	24M	475904,700	9151242,437	550,492
39	24M	475943,793	9151259,071	550,012
40	24M	475983,390	9151266,754	548,569
41	24M	476027,333	9151271,919	550,492
42	24M	476052,144	9151273,313	549,755
43	24M	476075,380	9151278,180	546,872
44	24M	476104,253	9151288,888	546,391
45	24M	476121,378	9151296,624	546,631
46	24M	476142,265	9151304,975	548,554
47	24M	476161,712	9151309,340	548,794
48	24M	476192,327	9151311,968	547,593
49	24M	476223,352	9151308,305	544,228
50	24M	476262,260	9151307,889	540,383
51	24M	476286,965	9151297,495	537,979
52	24M	476313,802	9151293,700	537,499



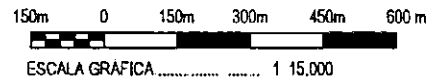
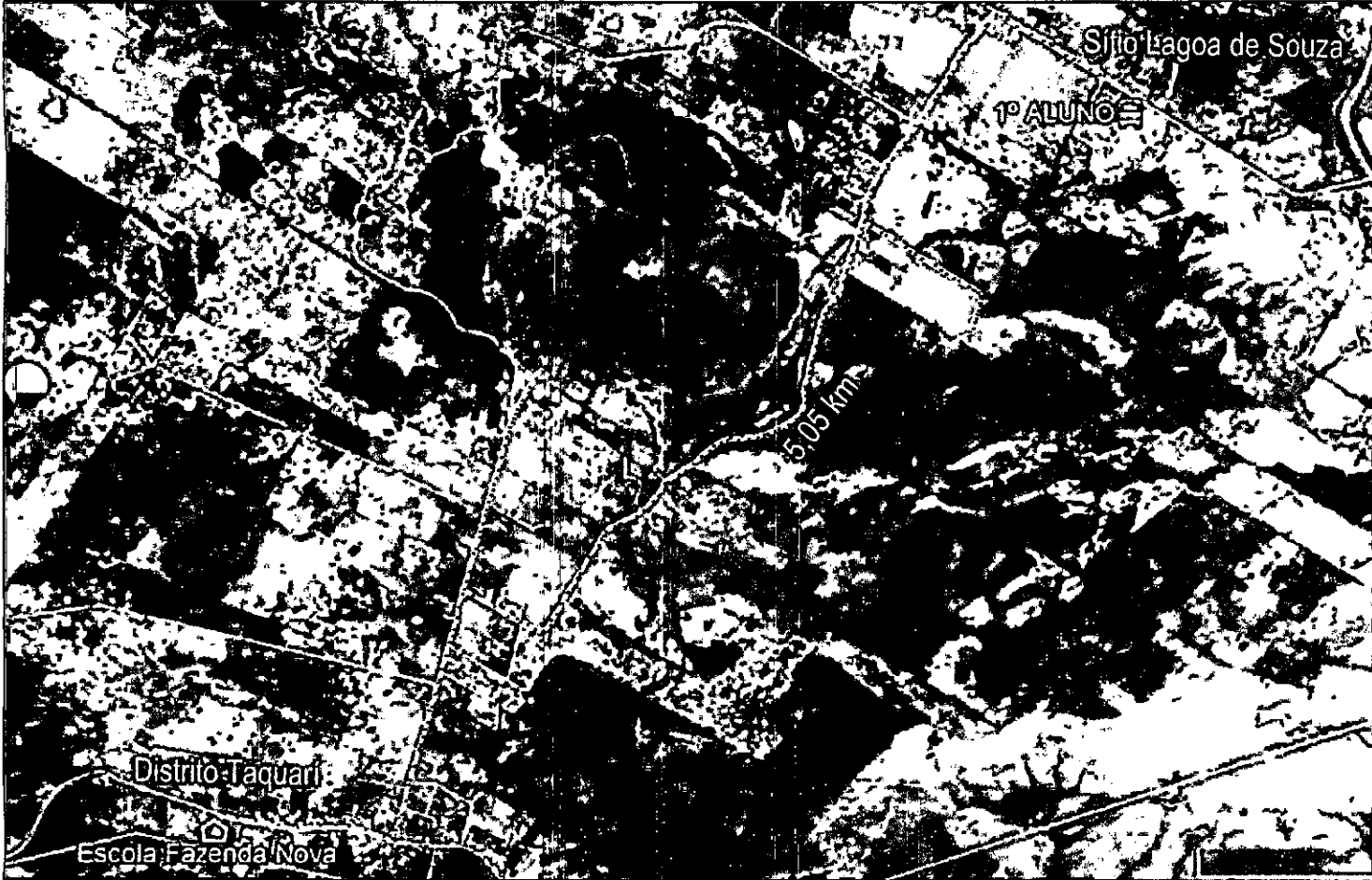
Fazenda Nova2.txt

53	24M	476352,323	9151290,755	539,662
54	24M	476373,975	9151285,743	541,104
55	24M	476399,225	9151275,257	537,499
56	24M	476422,908	9151257,542	537,018
57	24M	476456,661	9151250,990	537,258
58	24M	476512,194	9151260,144	538,460
59	24M	476555,450	9151270,785	542,305
60	24M	476592,442	9151275,149	545,430

NQ



133 322  
41



ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
37		1	Sítio Lagoa de Souza ao Distrito de Taquari (EEF Iva Emídio Gondim)	UTM Z-24M E(X)469350,25 ; N(Y) 9154555,890	UTM Z-24M E(X)467355,57 ; N(Y) 9152988,41	10,11	Carroçável	Van	22

**LEVANTAMENTO PLANIMÉTRICO**

<b>TOPOGEO</b> TOPOGRAFIA E GEODÉSIA LTDA. (88) 99688-8559/99652-4881 clevilandalencar@gmail.com	LEVANTAMENTO:	 CLEVLAND ALENCAR DE OLIVEIRA TEC. CONS. CIVIL TOPO. ESTRADAS CREA: RNP 060784563-5	PRANCHA:
	LOCAL: DISTRITO TAQUARÍ (rota 37) - JARDIM - CE PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)		1 / 2
CONTEÚDO: PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS DISTRITO TAQUARÍ			
PERCURSO UNITÁRIO : 5,05 km		DATA: ABRIL / 2018	ESCALA: 1 : 15.000

1:40.000  
FLS 323  
4

Distrito do Taquarí

5,05 km

Escola da Fazenda Nova

NUMERO	LOCAL	UTM Z-24M	UTM Z-24M	DATA	TIPO DE VEICULO	TIPO DE TERRENO
37	Sítio Lagoa de Souza ao Distrito de Taquarí (EEF Iva Erídi o Gondim)	E(X)469350,25; N(Y) 9154555,890	E(X)467355,57; N(Y) 9152988,41	10,11	Carroçável	Van
						22

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODESIA  
L.TDA.  
(88)  
99688-8559/99652-4881  
clevilandalencar@gmail.com

LEVANTAMENTO:

**LOCAL:** DISTRITO TAQUARÍ (rota 37) - JARDIM - CE  
**PROPRIETÁRIO:** PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

CLEVLAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL, TOPO. ESTRADAS  
CREA: RNP 090794553-5

PRANCHA:  
**212**

CONTEÚDO:

PERFIS DAS ROTAS ESCOLARES MUNICIPAIS DISTRITO TAQUARÍ

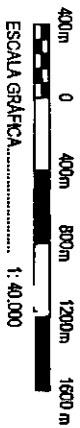
PERCUC UNITÁRIO : 5,05 km

DATA:

ABRIL / 2018

ESCALA:

1 : 20.000



F.L.S 324  
41

Taquari.txt

1	24M	467727,434	9152935,029	732,181
2	24M	467727,333	9152935,094	732,662
3	24M	467722,563	9152934,590	733,623
4	24M	467728,748	9152933,344	728,336
5	24M	467727,851	9152934,057	725,933
6	24M	467728,584	9152943,101	727,375
7	24M	467731,175	9152953,500	729,778
8	24M	467737,952	9152979,830	727,375
9	24M	467758,960	9153053,224	724,971
10	24M	467781,111	9153132,753	717,281
11	24M	467784,406	9153140,882	717,281
12	24M	467792,767	9153175,293	717,281
13	24M	467804,664	9153216,675	716,800
14	24M	467826,658	9153283,547	717,762
15	24M	467834,277	9153307,588	719,204
16	24M	467855,528	9153379,027	719,684
17	24M	467873,904	9153449,186	721,607
18	24M	467906,947	9153471,716	722,568
19	24M	467912,718	9153468,291	722,568
20	24M	467996,610	9153415,882	722,568
21	24M	468019,655	9153403,694	721,607
22	24M	468036,847	9153393,744	720,165
23	24M	468072,767	9153413,497	716,800
24	24M	468128,229	9153503,463	706,706
25	24M	468131,618	9153507,765	706,226
26	24M	468181,225	9153589,685	704,303
27	24M	468186,276	9153597,286	704,303
28	24M	468217,812	9153620,195	704,303
29	24M	468273,684	9153650,339	705,745
30	24M	468326,992	9153713,395	707,187
31	24M	468383,439	9153754,908	714,397
32	24M	468428,147	9153794,199	715,358
33	24M	468465,464	9153812,349	715,839
34	24M	468489,894	9153817,017	715,839
35	24M	468538,944	9153818,615	715,839
36	24M	468581,525	9153831,681	715,358
37	24M	468617,931	9153858,142	714,397
38	24M	468630,399	9153917,936	712,955
39	24M	468638,696	9153952,477	712,955
40	24M	468642,151	9153970,864	712,955
41	24M	468668,471	9154066,824	712,955
42	24M	468673,305	9154082,395	713,436
43	24M	468698,241	9154119,078	713,436
44	24M	468720,685	9154177,739	712,955
45	24M	468732,996	9154210,921	712,955
46	24M	468744,478	9154238,449	714,397
47	24M	468766,247	9154325,409	722,087
48	24M	468774,070	9154350,424	723,530
49	24M	468818,734	9154415,326	725,933
50	24M	468862,720	9154472,111	727,855
51	24M	468869,225	9154491,556	730,739
52	24M	468888,165	9154508,850	731,220

FLS 325  
A7

Taquari.txt

53	24M	468912,776	9154548,443	731,700
54	24M	468944,304	9154598,751	729,297
55	24M	468988,246	9154666,841	729,778
56	24M	469023,568	9154711,018	730,259
57	24M	469047,396	9154733,513	727,855
58	24M	469071,325	9154727,302	726,894
59	24M	469165,861	9154670,209	724,491
60	24M	469229,277	9154631,804	722,568
61	24M	469285,199	9154600,808	721,126
62	24M	469319,335	9154580,083	719,684
63	24M	469365,948	9154548,672	716,800
64	24M	469447,314	9154498,928	711,994
65	24M	469539,317	9154441,425	712,955
66	24M	469601,464	9154405,215	716,800
67	24M	469692,050	9154349,147	717,762
68	24M	469704,776	9154341,779	716,800
69	24M	469756,730	9154341,729	711,994
70	24M	469760,973	9154342,946	711,994
71	24M	469771,603	9154345,000	712,474
72	24M	469868,343	9154365,985	709,110
73	24M	469879,194	9154370,217	710,071
74	24M	469881,374	9154371,951	708,148
75	24M	469892,347	9154373,339	700,441
76	24M	469939,414	9154295,884	696,115
77	24M	469965,253	9154251,580	694,193
78	24M	469995,810	9154201,617	691,789
79	24M	470021,780	9154154,292	686,742
80	24M	470045,686	9154097,069	682,897
81	24M	470057,639	9154053,646	681,455
82	24M	470073,846	9153963,727	678,571
83	24M	470086,721	9153893,432	676,648
84	24M	470099,823	9153817,169	673,524
85	24M	470107,195	9153737,113	671,361
86	24M	470101,478	9153698,720	673,284
87	24M	470088,719	9153672,117	675,928
88	24M	470069,678	9153638,052	680,253
89	24M	470052,338	9153605,581	682,657
90	24M	470041,444	9153567,795	683,858
91	24M	470031,539	9153516,120	685,300
92	24M	470025,827	9153484,639	686,262
93	24M	470024,128	9153437,704	688,184
94	24M	470021,147	9153356,298	690,587
95	24M	470018,446	9153272,520	692,270
96	24M	470019,729	9153202,162	689,146
97	24M	470032,033	9153143,394	685,060
98	24M	470055,617	9153082,733	678,091
99	24M	470084,422	9153039,181	672,082
100	24M	470129,501	9153004,684	666,315
101	24M	470190,741	9152966,286	661,027
102	24M	470262,533	9152920,574	654,779
103	24M	470334,011	9152874,834	648,530
104	24M	470412,259	9152824,780	642,522

F.S. 326  
47

Taquari.txt

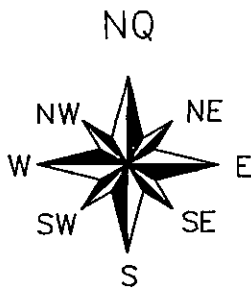
105	24M	470469,564	9152779,606	638,677
106	24M	470510,100	9152706,539	632,188
107	24M	470539,599	9152616,637	628,583
108	24M	470563,600	9152536,360	627,381
109	24M	470588,333	9152454,276	628,103
110	24M	470613,591	9152391,614	629,064
111	24M	470667,921	9152284,029	628,824
112	24M	470708,761	9152194,654	628,583
113	24M	470731,019	9152108,463	627,141
114	24M	470757,737	9152059,146	627,622
115	24M	470798,894	9152026,174	628,103
116	24M	470847,837	9152003,873	629,064
117	24M	470920,653	9151973,413	630,746
118	24M	470984,205	9151946,487	632,188
119	24M	471035,663	9151921,972	630,746
120	24M	471084,681	9151897,993	629,304
121	24M	471179,479	9151852,646	628,824
122	24M	471252,662	9151812,049	630,025
123	24M	471308,065	9151775,175	631,227
124	24M	471352,058	9151744,855	629,785
125	24M	471394,404	9151715,627	626,180
126	24M	471458,288	9151672,447	619,931
127	24M	471530,485	9151624,389	616,807
128	24M	471612,259	9151576,310	615,125
129	24M	471722,450	9151528,052	616,326
130	24M	471791,728	9151490,417	616,326
131	24M	471846,396	9151446,360	618,970
132	24M	471892,563	9151396,322	620,652
133	24M	471921,554	9151377,492	619,931
134	24M	471955,766	9151345,636	619,450
135	24M	472005,467	9151321,517	618,009
136	24M	472098,726	9151281,172	614,404
137	24M	472178,285	9151255,032	609,597
138	24M	472237,007	9151247,959	607,194
139	24M	472301,940	9151258,320	607,915
140	24M	472386,181	9151272,704	610,558
141	24M	472491,688	9151295,301	610,799
142	24M	472561,998	9151311,660	609,597
143	24M	472628,601	9151326,766	608,876
144	24M	472723,831	9151344,593	606,473
145	24M	472804,226	9151344,584	604,550
146	24M	472922,626	9151355,429	598,542
147	24M	473036,677	9151375,314	593,495
148	24M	473069,490	9151396,238	592,053
149	24M	473111,078	9151431,288	589,890
150	24M	473145,420	9151445,522	588,689
151	24M	473255,977	9151480,546	585,564
152	24M	473301,844	9151483,185	584,363
153	24M	473365,944	9151480,247	581,960
154	24M	473446,608	9151462,714	579,796
155	24M	473538,478	9151439,831	576,672
156	24M	473591,456	9151423,126	574,509



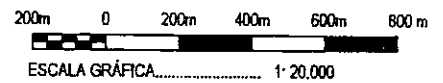
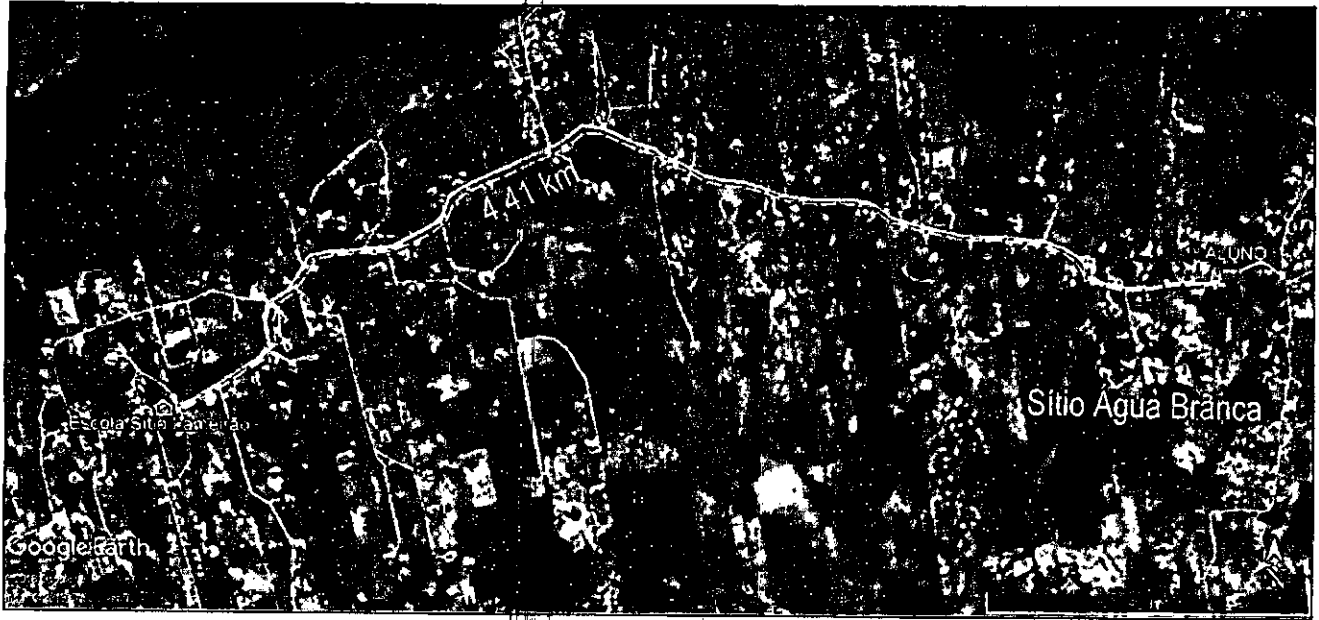
F.S. 327  
47

Taquari.txt

157	24M	473610,404	9151409,478	573,788
158	24M	473660,201	9151361,636	569,943
159	24M	473701,959	9151322,834	568,261
160	24M	473754,476	9151285,381	567,059
161	24M	473773,874	9151278,359	566,819
162	24M	473795,143	9151281,271	566,579
163	24M	473839,230	9151292,415	566,338
164	24M	473863,700	9151307,162	566,819
165	24M	473900,179	9151354,356	568,501
166	24M	473922,511	9151390,554	569,462
167	24M	473940,896	9151392,732	569,943
168	24M	473984,584	9151389,911	570,904
169	24M	474012,205	9151390,112	570,664
170	24M	474052,638	9151391,487	568,742
171	24M	474078,790	9151389,518	568,742
172	24M	474109,804	9151389,137	570,183
173	24M	474151,855	9151388,400	572,346
174	24M	474173,735	9151390,645	571,625
175	24M	474176,778	9151403,082	570,664
176	24M	474176,987	9151410,866	573,548



1.3328  
47



ÍTEM	PERÍODO		ROTA/TRAJETO	COORD. SAÍDA	COORD CHEGADA	QTDE KM / DIA	TIPO DE ESTRADA	TIPO DE VEÍCULO	QTDE APROXIMADA DE ALUNOS
	MATUTINO	VESPERTINO							
38		1	Sítio Água Branca ao Sítio Lameirão (EEF Augusto Félix de Filgueiredo)	UTM Z-24M E(X) 476214,09 ; N(Y) 9161655,40	UTM Z-24M E(X) 472459,90 ; N(Y) 9161209,36	8,81	Carroçável	Micro-ônibus	29

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E  
GEODÉSIA  
LTDA.  
(88)  
99688-8559/99652-4881  
clevilandalencar@gmail.com

LEVANTAMENTO:

*[Signature]*  
CLEVILAND ALENCAR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREA: RNP 060784563-5

**LOCAL:** SÍTIO LAMEIRÃO (rota 38) - JARDIM - CE

**PROPRIETÁRIO:** PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

PRANCHA:  
**1 / 2**

**CONTEÚDO:** PLANTA DE DETALHES DAS ROTAS ESCOLARES MUNICIPAIS SÍTIO LAMEIRÃO

**PERCURSO UNITÁRIO :** 4,41 km

**DATA:** ABRIL / 2018

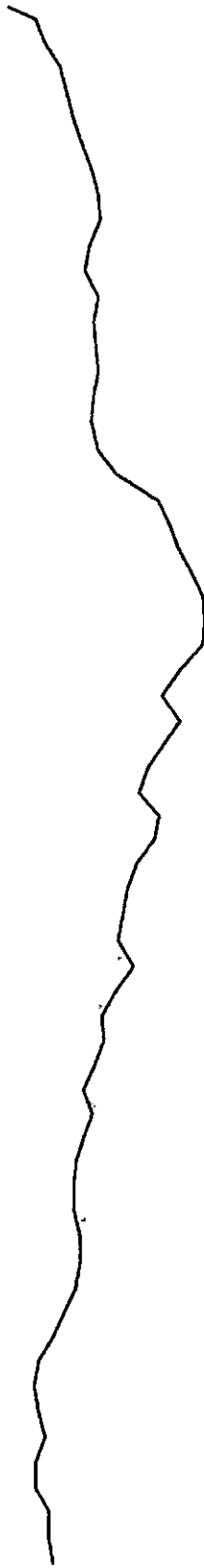
**ESCALA:** 1 : 20.000

F.L.S 329  
47

Escada do Sítio Lameirão

4,41 km

Sítio Água Branca



PERÍMETRO	PERÍMETRO	PERÍMETRO	PERÍMETRO	PERÍMETRO	PERÍMETRO	PERÍMETRO	PERÍMETRO
38	1	Sítio Água Branca ao Sítio Lameirão (EUF Augustoinho Felix de Filgueiredo)	UTM Z-24M E(X) 476214,09 ; N(Y) 9161655,40	UTM Z-24M E(X) 472459,90 ; N(Y) 9161209,36	8,81	Carroçável	Micro-ônibus

**LEVANTAMENTO PLANIMÉTRICO**

**TOPOGEO**  
TOPOGRAFIA E GEODESIA  
L.TDA.  
(88)  
99688-8559/99652-4881  
clevilandalemeir@igmail.com

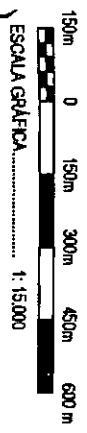
**LEVANTAMENTO:**  
CLEVLAND ALEMEIR DE OLIVEIRA  
TEC. CONS. CIVIL TOPO. ESTRADAS  
CREAL RNP 080784553

**LOCAL:** DISTRITO TAQUARÍ (rota 38) - JARDIM - CE  
**PROPRIETÁRIO:** PREFEITURA MUNICIPAL DE JARDIM (Sec. de Educação)

**PRANCHIA:** 212

**CONTEÚDO:** PERFIS DAS ROTAS ESCOLARES MUNICIPAIS DISTRITO TAQUARÍ

**PERCURSO UNITÁRIO:** 4,41 km      **DATA:** ABRIL / 2018      **ESCALA:** 1 : 15.000



ESCALA GRÁFICA ..... 1 : 15.000



Lameirão1.txt

1	24M	475331,160	9161582,563	740,833
2	24M	475276,051	9161570,664	739,872
3	24M	475223,523	9161574,112	739,872
4	24M	475171,721	9161568,210	736,988
5	24M	475116,972	9161557,090	736,988
6	24M	475062,153	9161558,044	738,911
7	24M	475009,159	9161567,913	737,469
8	24M	474959,829	9161591,349	736,507
9	24M	474929,857	9161637,998	737,469
10	24M	474889,208	9161662,161	740,353
11	24M	474838,910	9161679,639	742,756
12	24M	474788,850	9161684,292	745,159
13	24M	474732,305	9161693,464	746,120
14	24M	474676,387	9161691,636	746,120
15	24M	474620,614	9161694,257	744,678
16	24M	474569,311	9161704,636	744,678
17	24M	474518,564	9161714,792	745,159
18	24M	474472,901	9161726,453	746,601
19	24M	474422,160	9161741,965	748,524
20	24M	474380,453	9161773,077	746,601
21	24M	474328,806	9161788,728	749,004
22	24M	474278,164	9161790,452	750,927
23	24M	474225,870	9161789,127	750,447
24	24M	474173,712	9161791,388	753,330
25	24M	474121,808	9161802,229	757,176
26	24M	474070,778	9161821,290	753,811
27	24M	474019,243	9161834,586	754,772
28	24M	473963,515	9161839,338	755,734
29	24M	473910,473	9161852,068	757,656
30	24M	473864,765	9161877,155	761,502
31	24M	473817,610	9161895,319	762,463
32	24M	473776,791	9161923,410	758,137
33	24M	473724,572	9161937,068	760,059
34	24M	473678,820	9161957,716	763,424
35	24M	473634,160	9161976,965	766,789
36	24M	473580,281	9161981,207	762,943
37	24M	473539,100	9161947,084	766,789
38	24M	473493,310	9161919,455	771,595
39	24M	473445,860	9161901,341	772,076
40	24M	473398,562	9161877,482	771,595
41	24M	473353,461	9161858,860	769,192
42	24M	473305,828	9161837,243	766,308
43	24M	473260,034	9161817,026	764,386
44	24M	473221,487	9161785,231	761,982
45	24M	473200,196	9161731,577	752,850
46	24M	473158,078	9161702,828	749,004
47	24M	473104,439	9161675,277	747,562
48	24M	473054,088	9161653,251	748,043
49	24M	473003,374	9161652,536	749,004
50	24M	472955,170	9161645,541	748,524
51	24M	472898,180	9161641,357	748,043
52	24M	472847,259	9161631,006	749,004

F.S. 331  
A

Lameirão1.txt

53	24M	472819,446	9161583,964	746,120
54	24M	472789,088	9161540,562	747,082
55	24M	472743,857	9161507,299	749,485
56	24M	472730,406	9161456,243	749,004
57	24M	472741,253	9161403,923	747,562
58	24M	472712,265	9161359,707	745,640
59	24M	472664,146	9161331,732	743,717
60	24M	472617,325	9161299,459	742,275
61	24M	472571,130	9161270,503	740,833
62	24M	472526,581	9161242,827	737,469
63	24M	472485,146	9161217,044	735,546
64	24M	472461,213	9161209,533	729,778

*[Handwritten signature]*