

ANEXO 1.1

IDENTIFICAÇÃO VISUAL DO VEÍCULO
Veículo Convencional, Kombi e Van



PREFEITURA DE
SANTA LUZIA DO PARÁ
CONSTRUINDO UMA NOVA HISTÓRIA

TRANSPORTE ESCOLAR GRATUITO
USO EXCLUSIVO DOS ALUNOS



PREFEITURA DE
SANTA LUZIA DO PARÁ
CONSTRUINDO UMA NOVA HISTÓRIA

TRANSPORTE ESCOLAR GRATUITO
**USO EXCLUSIVO PARA ALUNOS PORTADORES
DE NECESSIDADES EDUCACIONAIS ESPECIAIS**

ARTE VISUAL SE ENCONTRA EM FORMATO CorelDraw (.cdr)
NO SETOR DE LICITAÇÕES (TRAZER CD)

46° 54'

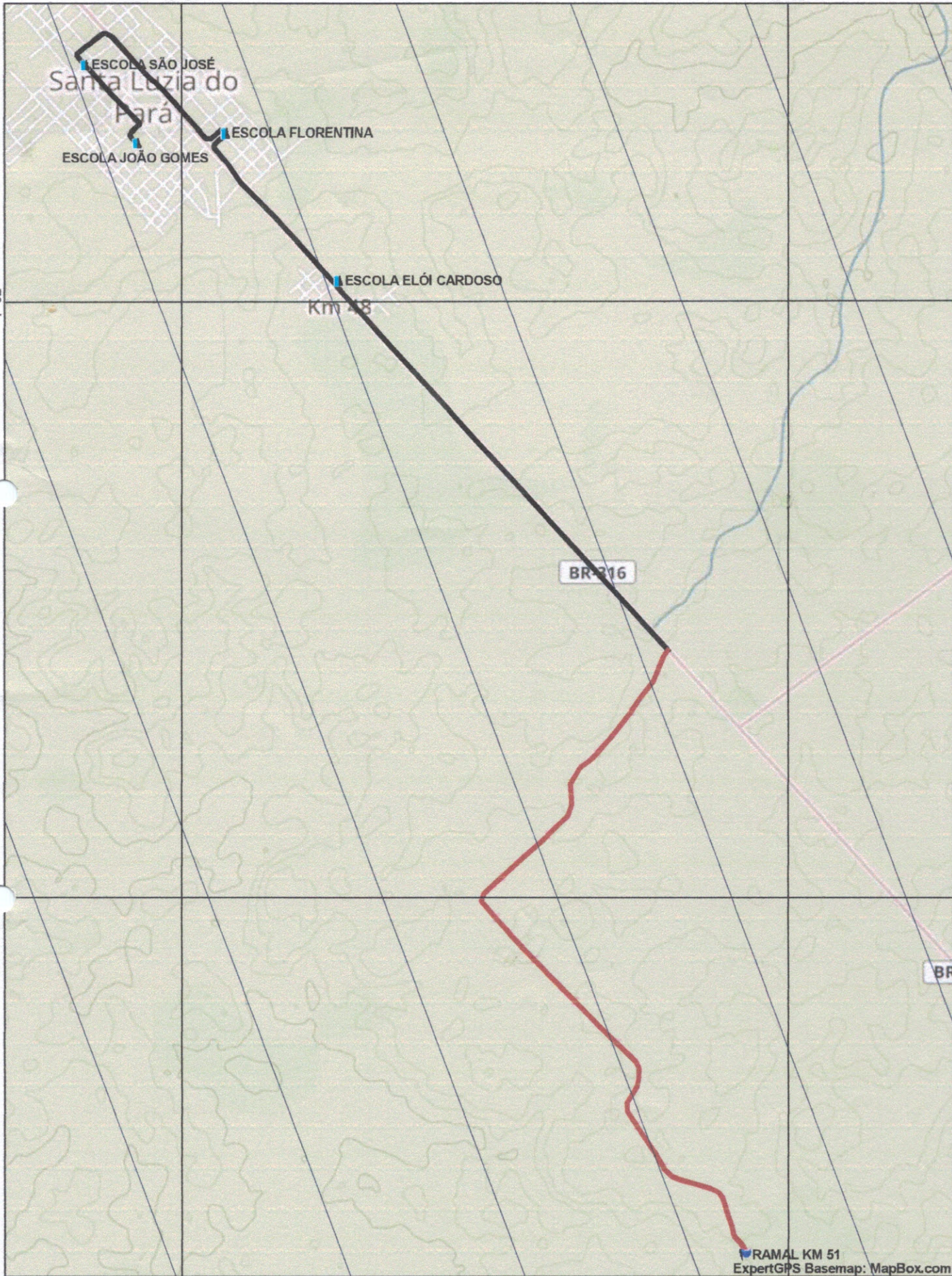
46° 52'

1° 32'

1° 32'

1° 34'

BR



ESCOLA SÃO JOSÉ
Santa Luzia do
Pará

ESCOLA FLORENTINA
ESCOLA JOÃO GOMES

ESCOLA ELÓI CARDOSO
Km 48

BR 216

RAMAL KM 51
ExpertGPS Basemap: MapBox.com

500 0 500 1000 1500 2000 2500 m

Scale: 1 : 30400. Magnetic north lines every 1000 m at 20°26' west of true north.

SEMED - PMSLP - ROTA 01: KM 51 / SÉDE - 11,41 KM

Label	Total Distance	Type
ROTA 01 - KM-51 / SÉDE - PIÇARRA	5,15 km	GPS Tracklog
ROTA 01 - KM-51 / SÉDE - ASFALTO	6,26 km	GPS Tracklog

Label	Latitude	Longitude	Photos
ESCOLA ELÓI CARDOSO	S01 31 55,85	W046 53 29,23	
ESCOLA JOÃO GOMES	S01 31 28,53	W046 54 08,99	
ESCOLA SÃO JOSÉ	S01 31 13,05	W046 54 19,29	
ESCOLA FLORENTINA	S01 31 26,61	W046 53 51,59	
RAMAL KM 51	S01 35 11,63	W046 52 08,64	

46° 54'

RAMAL TERRA AMARELA



1° 28'

1° 30'

BR-3

ESCOLA SÃO JOSÉ

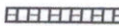
Santa Luzia do
Pará

ESCOLA JOÃO GOMES

ESCOLA FLORENTINA

ExpertGPS Basemap: MapBox.

500 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 m

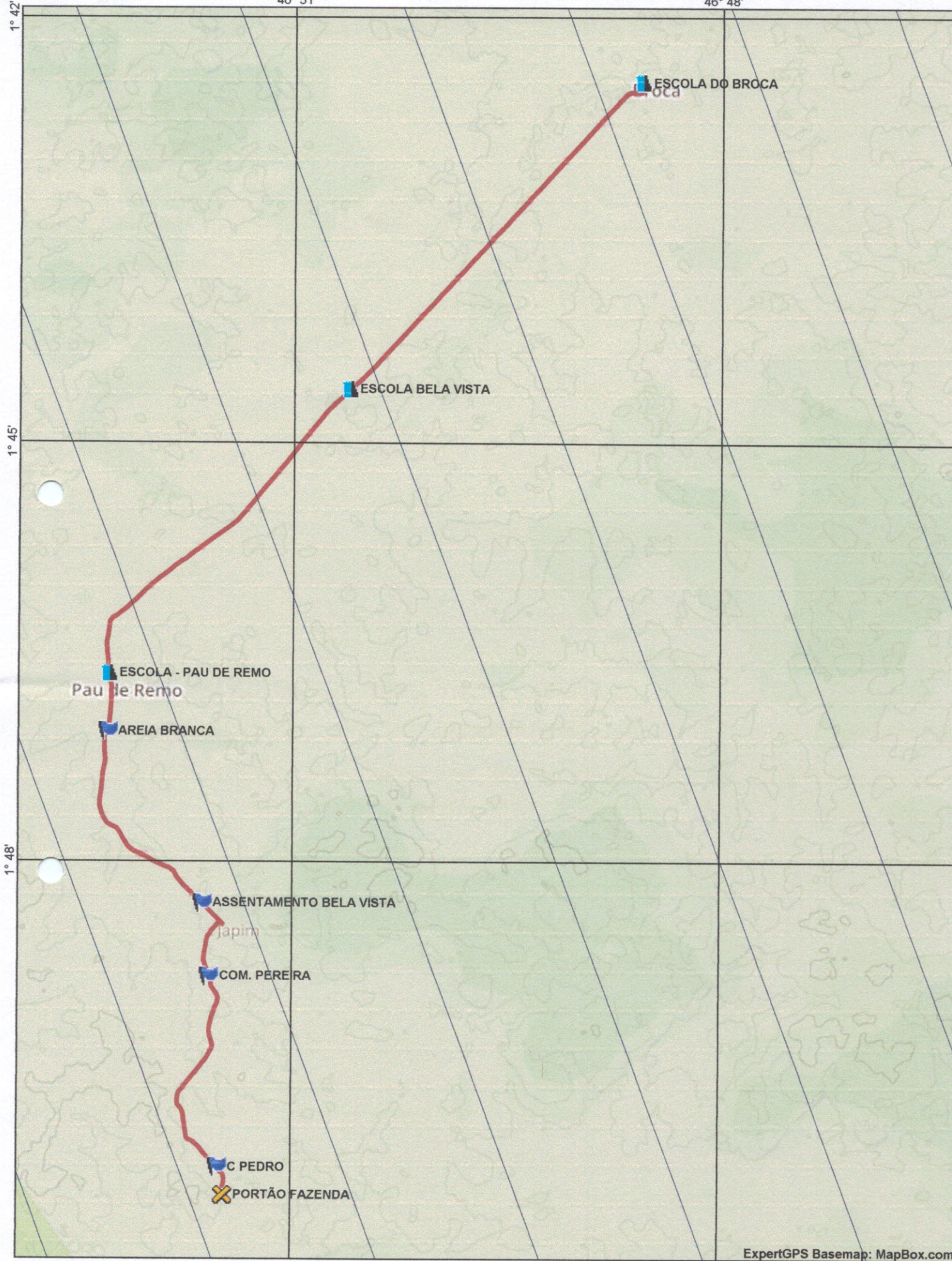


Scale: 1 : 35400. Magnetic north lines every 1000 m at 20°26' west of true north.

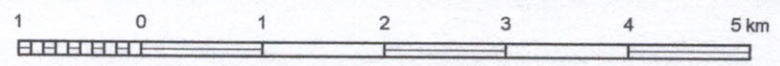
SEMED - ROTA 02 TERRA AMARELA

Label	Total Distance	Type
TERRA AMARELA - SÉDE / PIÇARRA	19,62 km	GPS Tracklog
TERRA AMARELA - SÉDE / ASFALTO	2,86 km	GPS Tracklog

Label	Latitude	Longitude	Photos
ESCOLA FLORENTINA	S01 31 26,61	W046 53 51,59	
ESCOLA JOÃO GOMES	S01 31 28,53	W046 54 08,99	
ESCOLA SÃO JOSÉ	S01 31 13,05	W046 54 19,29	
RAMAL TERRA AMARELA	S01 26 59,37	W046 52 35,53	



ExpertGPS Basemap: MapBox.com

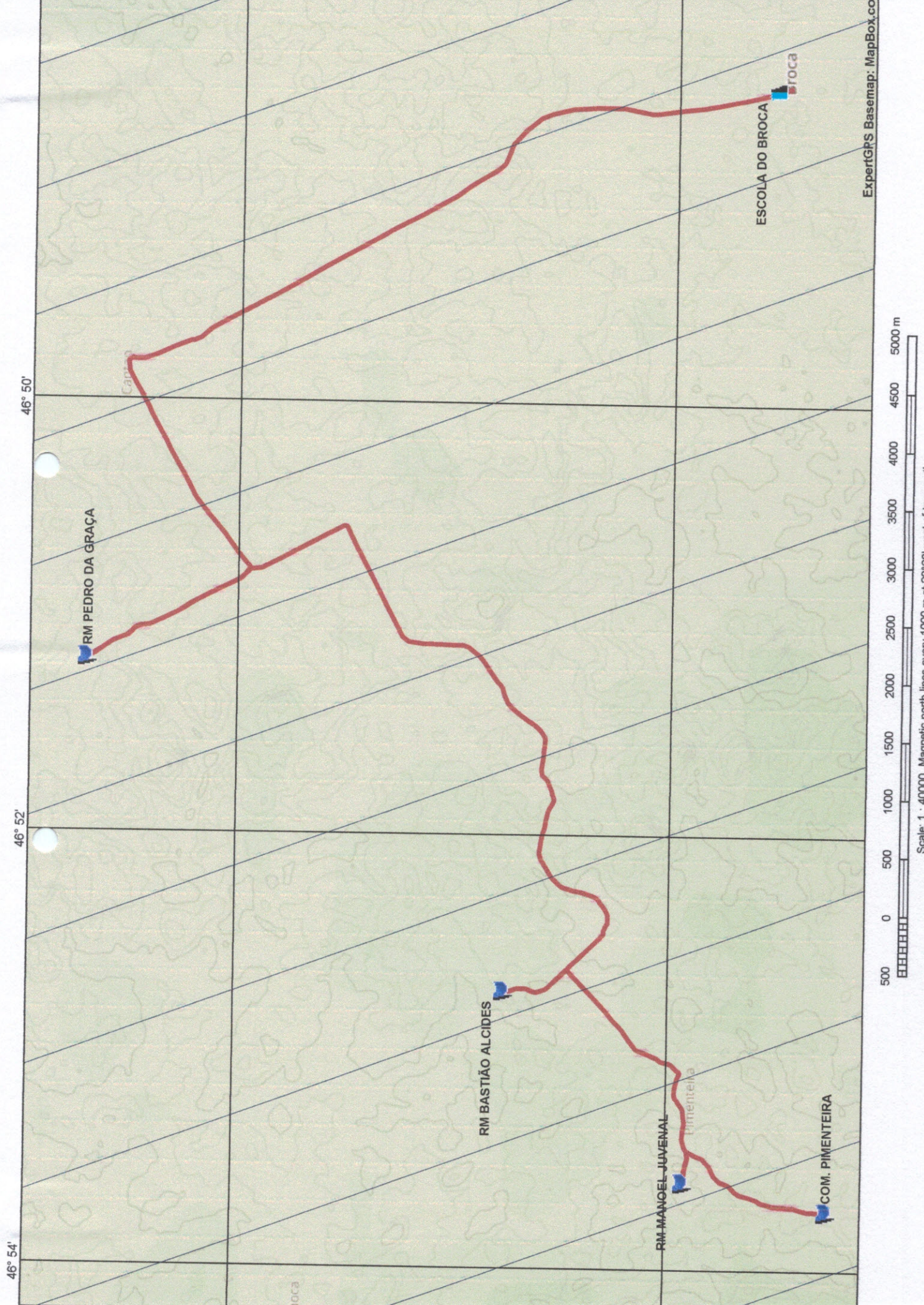


Scale: 1 : 62000. Magnetic north lines every 2 km at 20°29' west of true north.

ROTA 03: COM. PEDRO / EMEF DO BROCA - 19,11 KM - SEMED

Label	Total Distance	Type
Rota 03 - Com. Pedro / Escola do Broca (PIÇARRA)	19,11 km	GPS Tracklog

Label	Latitude	Longitude	Photos
AREIA BRANCA	S01 47 04,11	W046 52 18,20	
ASSENTAMENTO BELA VISTA	S01 48 17,48	W046 51 37,94	
C PEDRO	S01 50 10,49	W046 51 31,20	
C PEREIRA	S01 48 48,84	W046 51 34,88	
COM. PEREIRA	S01 48 48,81	W046 51 34,96	
ESCOLA - PAU DE REMO	S01 46 39,06	W046 52 17,81	
ESCOLA BELA VISTA	S01 44 36,53	W046 50 37,37	
ESCOLA DO BROCA	S01 42 26,91	W046 48 34,17	
PORTÃO FAZENDA	S01 50 22,41	W046 51 28,86	



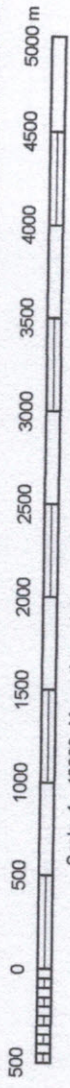
46° 54'

46° 52'

46° 50'

1° 40'

1° 42'



ExpertGIS Basemap: MapBox.com

Label

Total Distance

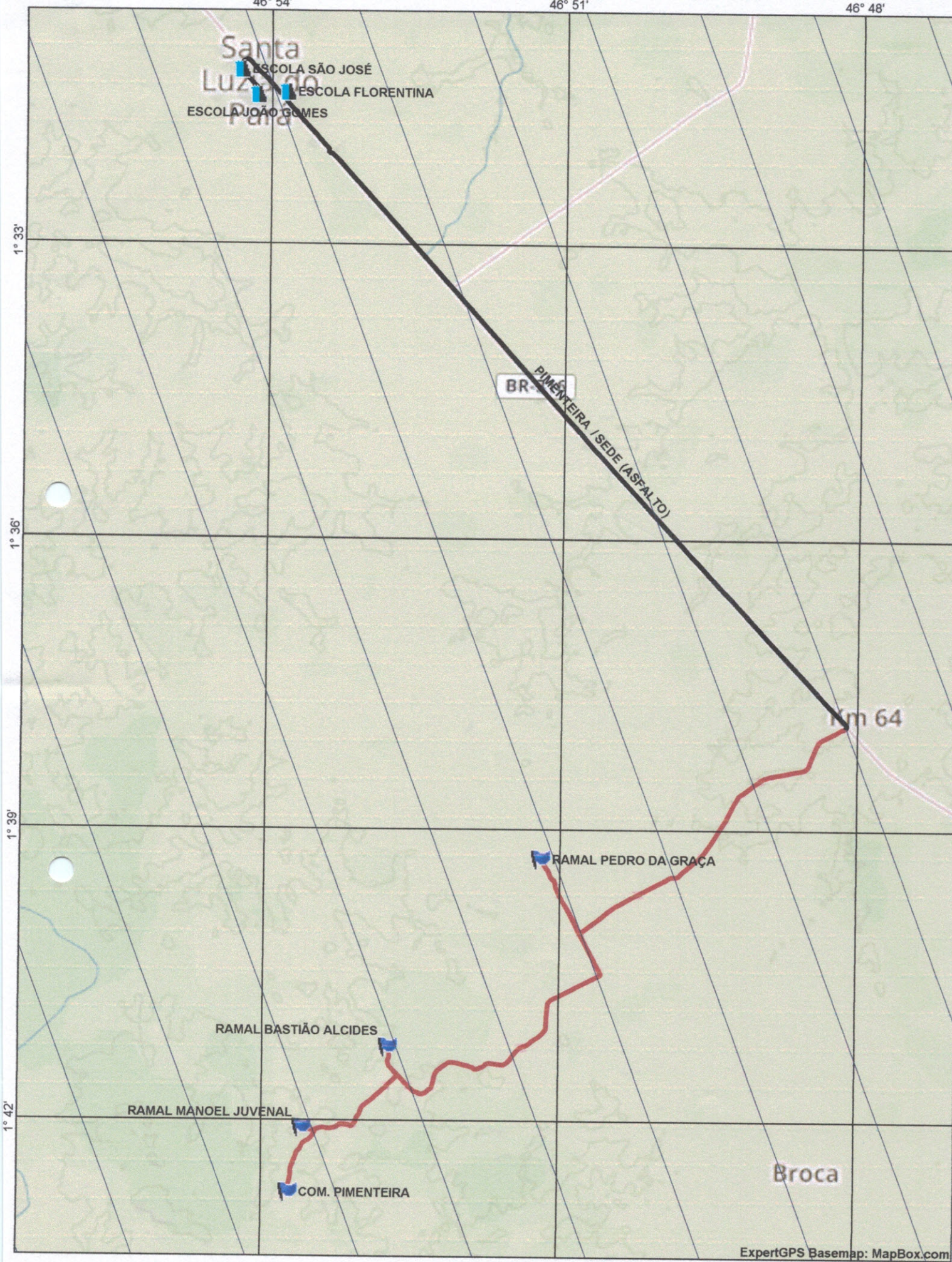
Type

COM. PIMENTEIRA / BROCA

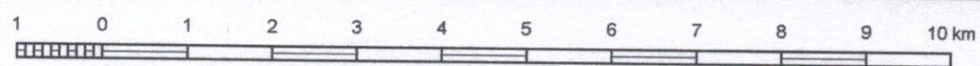
22,96 km

GPS Tracklog

Label	Latitude	Longitude	Photos
RM MANOEL JUVENAL	S01 42 04,74	W046 53 35,85	
COM. PIMENTEIRA	S01 42 44,62	W046 53 43,85	
ESCOLA DO BROCA	S01 42 26,76	W046 48 34,08	
RM BASTIÃO ALCIDES	S01 41 14,33	W046 52 43,54	
RM PEDRO DA GRAÇA	S01 39 18,45	W046 51 11,77	



ExpertGPS Basemap: MapBox.com



Scale: 1 : 89000. Magnetic north lines every 2 km at 20°27' west of true north.

SEMED - ROTA 05 - PIMENTEIRA / SEDE - 39,31 KM

PIMENTEIRA / SEDE - (PIÇARRA)

21,19 km

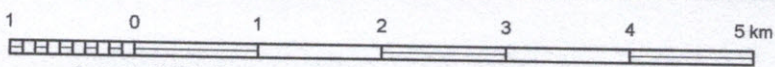
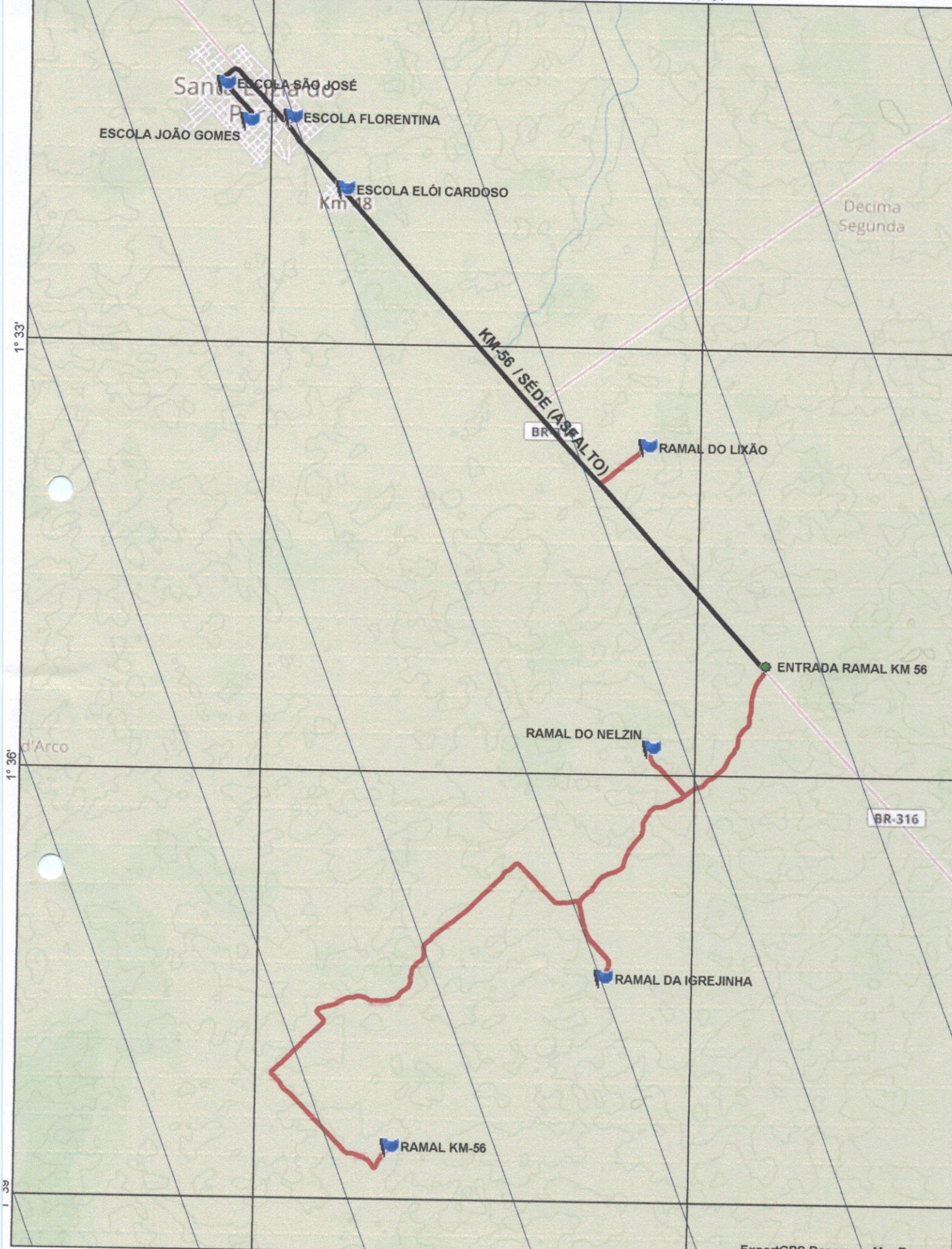
GPS Tracklog

PIMENTEIRA / SEDE (ASFALTO)

18,12 km

GPS Tracklog

Label	Latitude	Longitude	Photos
COM. PIMENTEIRA	S01 42 44,62	W046 53 43,85	
RAMAL BASTIÃO ALCIDES	S01 41 14,33	W046 52 43,54	
RAMAL MANOEL JUVENAL	S01 42 04,74	W046 53 35,85	
RAMAL PEDRO DA GRAÇA	S01 39 18,45	W046 51 11,77	
ESCOLA SÃO JOSÉ	S01 31 13,05	W046 54 19,29	
ESCOLA JOÃO GOMES	S01 31 28,53	W046 54 08,99	
ESCOLA FLORENTINA	S01 31 26,61	W046 53 51,59	

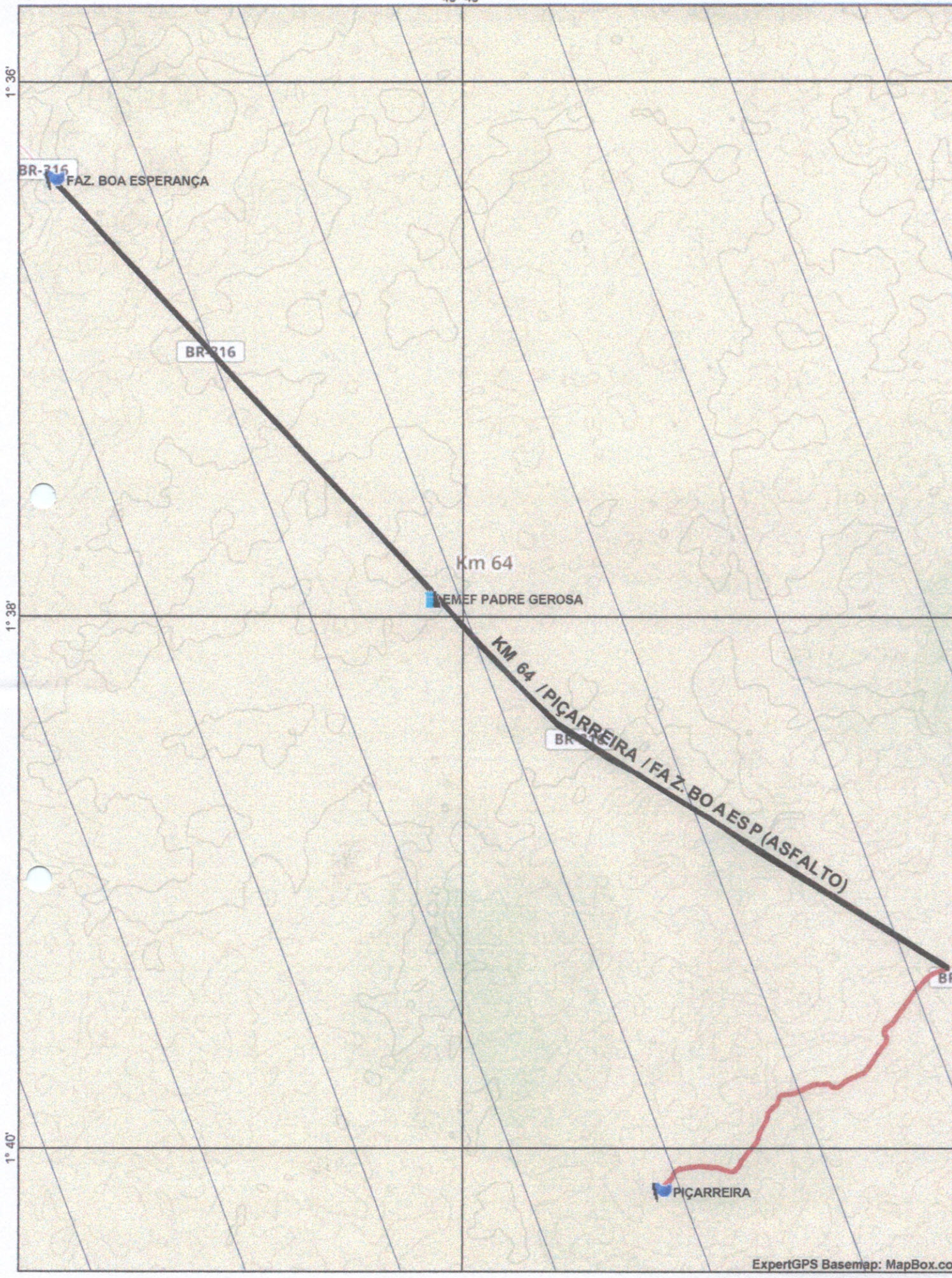


Scale: 1 : 61000. Magnetic north lines every 2 km at 20°27' west of true north.

SEMED - ROTA 06 - KM-56 / SÉDE - 28,81 KM

Label	Total Distance	Type
RAMAL KM-56 / SÉDE (PIÇARRA)	15,81 km	GPS Tracklog
KM-56 / SÉDE - RAMAL DO LIXÃO (PIÇARRA)	1567 m	GPS Tracklog
KM-56 / SÉDE (ASFALTO)	11,43 km	GPS Tracklog

Label	Latitude	Longitude	Photos
RAMAL DO NELZIN	S01 35 49,28	W046 51 18,24	
ENTRADA RAMAL KM 56	S01 35 13,27	W046 50 31,30	
ESCOLA ELÓI CARDOSO	S01 31 55,85	W046 53 29,23	
ESCOLA FLORENTINA	S01 31 26,61	W046 53 51,59	
ESCOLA JOÃO GOMES	S01 31 28,21	W046 54 09,22	
ESCOLA SÃO JOSÉ	S01 31 13,05	W046 54 19,29	
RAMAL DA IGREJINHA	S01 37 26,10	W046 51 36,42	
RAMAL DO LIXÃO	S01 33 41,24	W046 51 22,07	
RAMAL KM-56	S01 38 38,04	W046 53 03,93	



500 0 500 1000 1500 2000 2500 m

Scale: 1 : 33000. Magnetic north lines every 1000 m at 20°28' west of true north.

ROTA 07 - KM 64 / PIÇARREIRA / FAZ. BOA ESP.: 22,18 KM

Label	Total Distance	Type
KM 64 / PIÇARREIRA / FAZ. BOA ESP (ASFALTO)	16,53 km	GPS Tracklog
KM 64 / PIÇARREIRA / FAZ. BOA ESP (PIÇARRA)	5,65 km	GPS Tracklog

Label	Latitude	Longitude	Photos
EMEF PADRE GEROSA	S01 37 56,61	W046 48 07,68	
FAZ. BOA ESPERANÇA	S01 36 22,04	W046 49 30,64	
PIÇARREIRA	S01 40 09,77	W046 47 15,52	

46° 48'

46° 46'

46° 44'

1° 36'

1° 38'

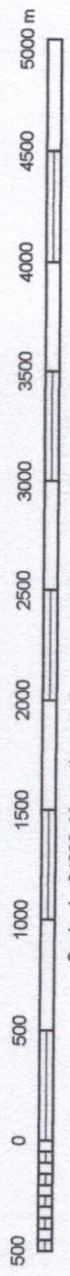
COM. RETIRO

RAMAL AÇAIZA

Km 64

EMEF PADRE GÉROSA

ExpertGPS Basemap: MapBox.com



Scale: 1 : 34000. Magnetic north lines every 1000 m at 20°28' west of true north.



Label	Total Distance	Type
KM 64 / RAMAL AÇAIZAL - COM. RETIRO - PIÇARRA	25,99 km	GPS Tracklog

Label	Latitude	Longitude	Photos
COM. RETIRO	S01 34 54,15	W046 44 03,02	
EMEF PADRE GEROSA	S01 37 56,05	W046 48 07,11	
RAMAL AÇAIZAL	S01 35 43,81	W046 46 25,15	

46° 48'

46° 46'

1° 34'

1° 36'

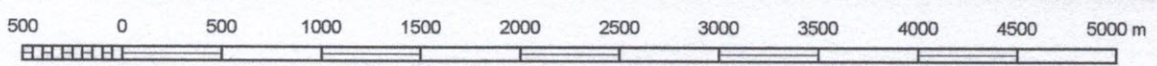
1° 38'

▲ AÇAIZAL

■ EMEF PADRE GEROSA

Km 64

ExpertGPS Basemap: MapBox.com

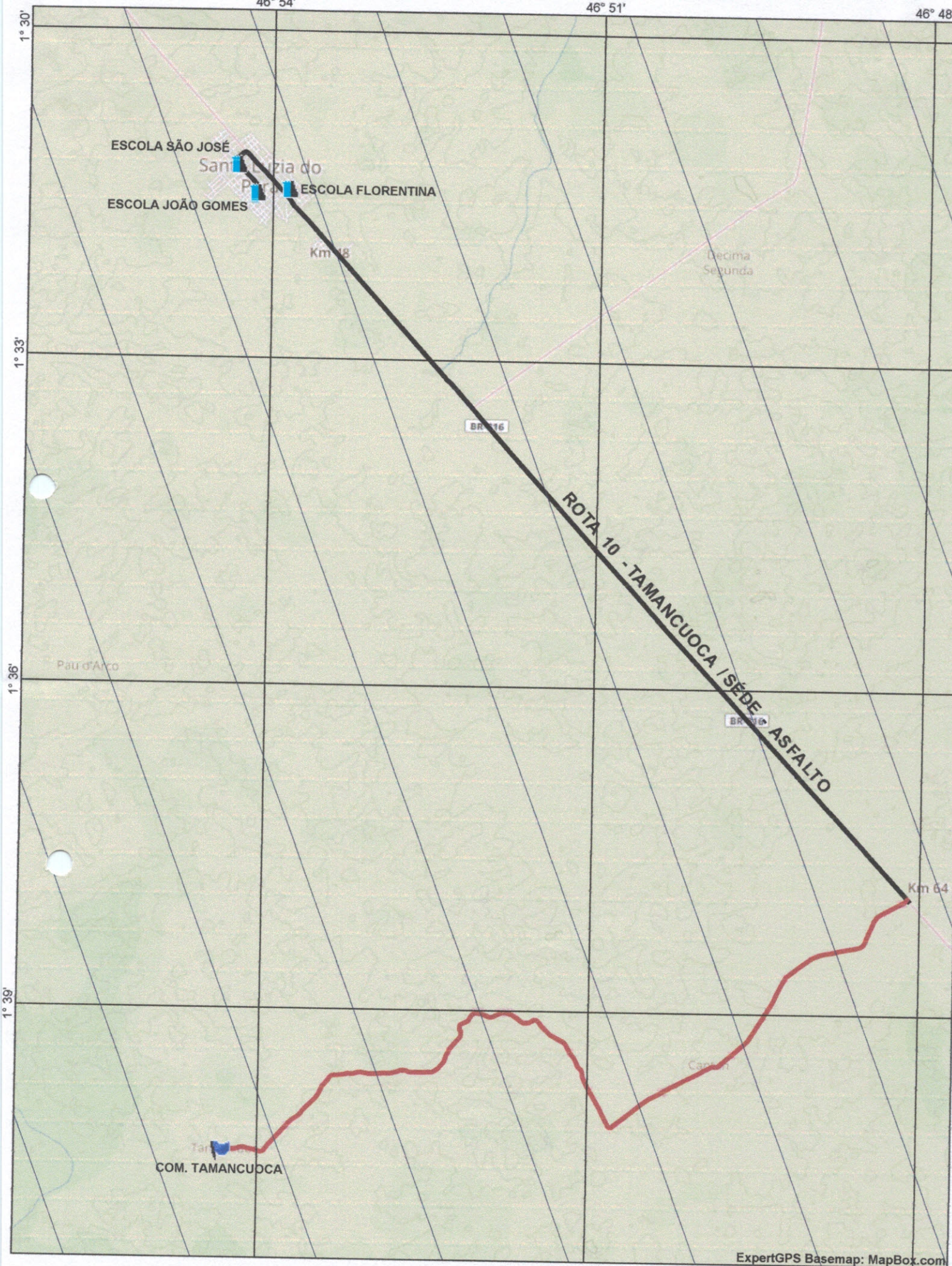


Scale: 1 : 38000. Magnetic north lines every 1000 m at 20°28' west of true north.

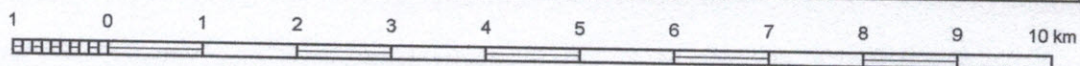
SEMED - ROTA 09 - AÇAIZAL / KM 64 - 12,45 KM

Label	Total Distance	Type
AÇAIZAL / KM 64 - PIÇARRA	12,45 km	GPS Tracklog

Label	Latitude	Longitude	Photos
AÇAIZAL	S01 33 06,82	W046 45 52,50	
EMEF PADRE GEROSA	S01 37 56,05	W046 48 07,11	



ExpertGPS Basemap: MapBox.com

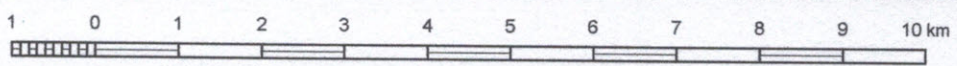
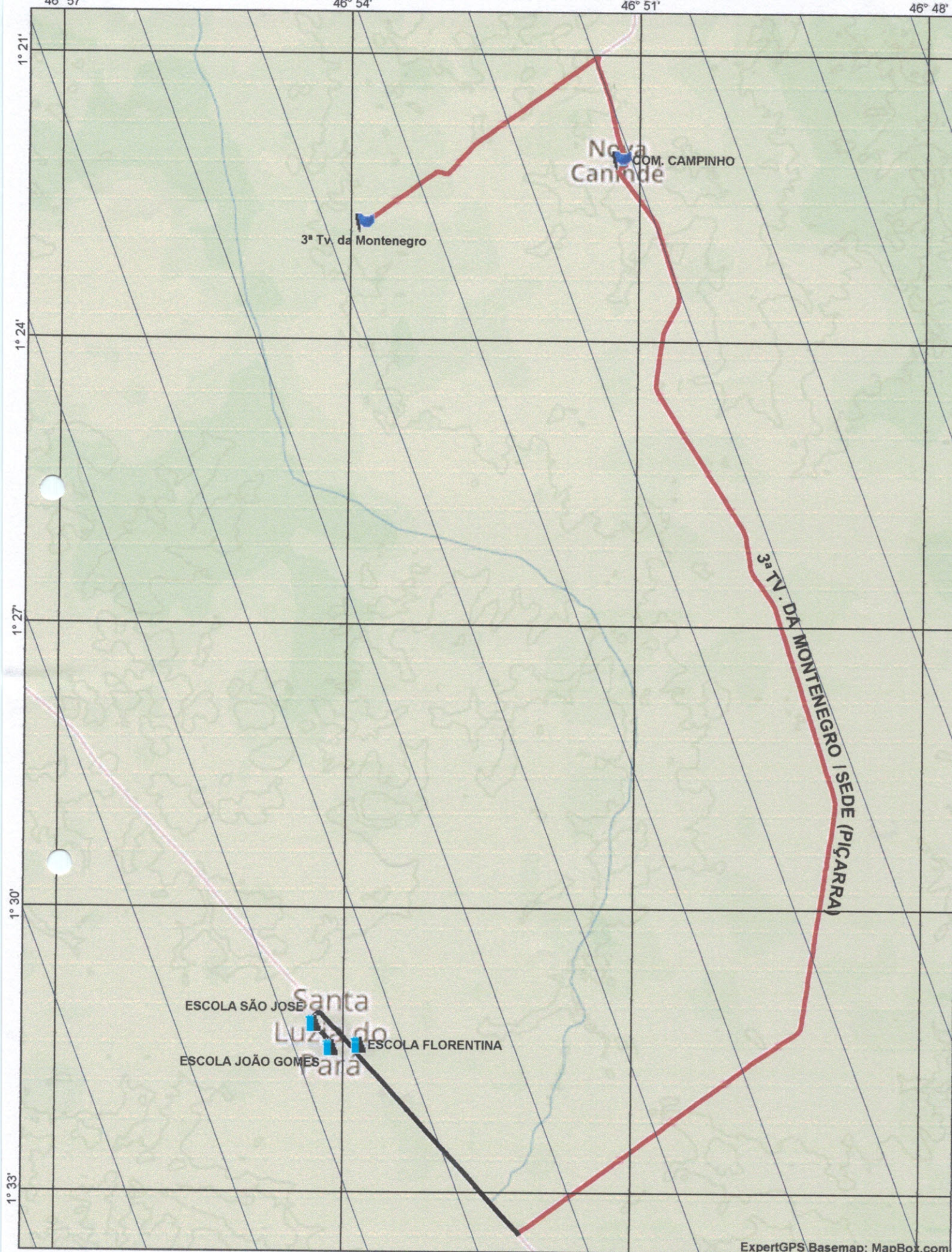


Scale: 1 : 80000. Magnetic north lines every 2 km at 20°27' west of true north.

SEMED - ROTA 10 - TAMANCUOCA / SEDE - 33,68 KM

Label	Total Distance	Type
TAMANCUOCA / SÉDE - PIÇARRA	15,58 km	GPS Tracklog
TAMANCUOCA / SÉDE - ASFALTO	18,10 km	GPS Tracklog

Label	Latitude	Longitude	Photos
COM. TAMANCUOCA	S01 40 19,12	W046 54 20,10	
ESCOLA FLORENTINA	S01 31 26,61	W046 53 51,59	
ESCOLA JOÃO GOMES	S01 31 28,53	W046 54 08,99	
ESCOLA SÃO JOSÉ	S01 31 13,05	W046 54 19,29	

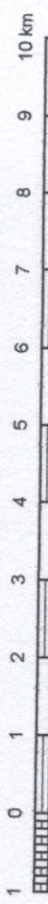
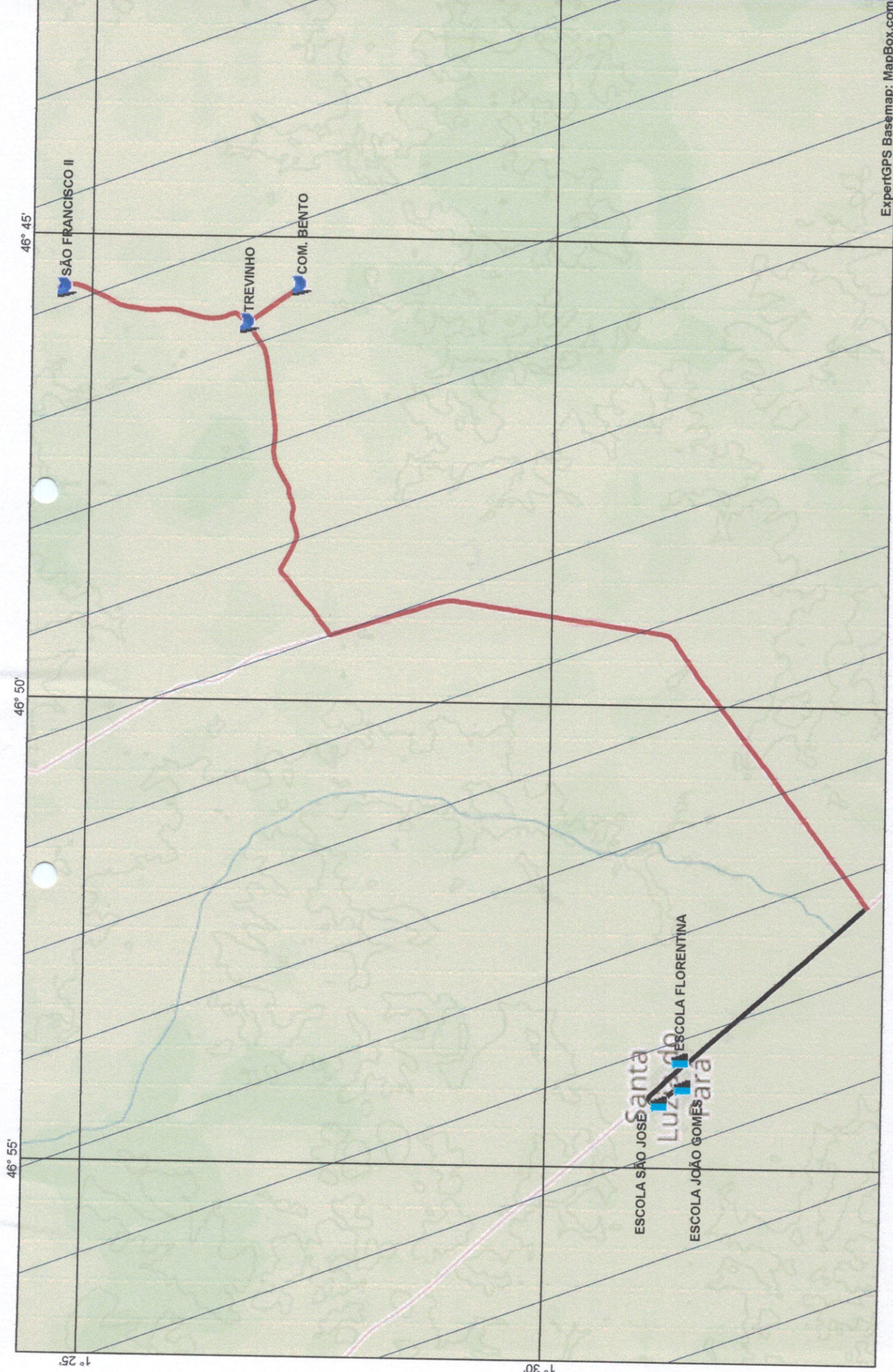


Scale: 1 : 91000. Magnetic north lines every 2 km at 20°25' west of true north.

SEMED - ROTA 11 - 3ª TV. DA MONTENEGRO / SEDE - 39,69 KM

Label	Total Distance	Type
3ª TV. DA MONTENEGRO / SEDE (PIÇARRA)	32,78 km	GPS Tracklog
3ª TV. DA MONTENEGRO / SEDE (ASFALTO)	6,91 km	GPS Tracklog

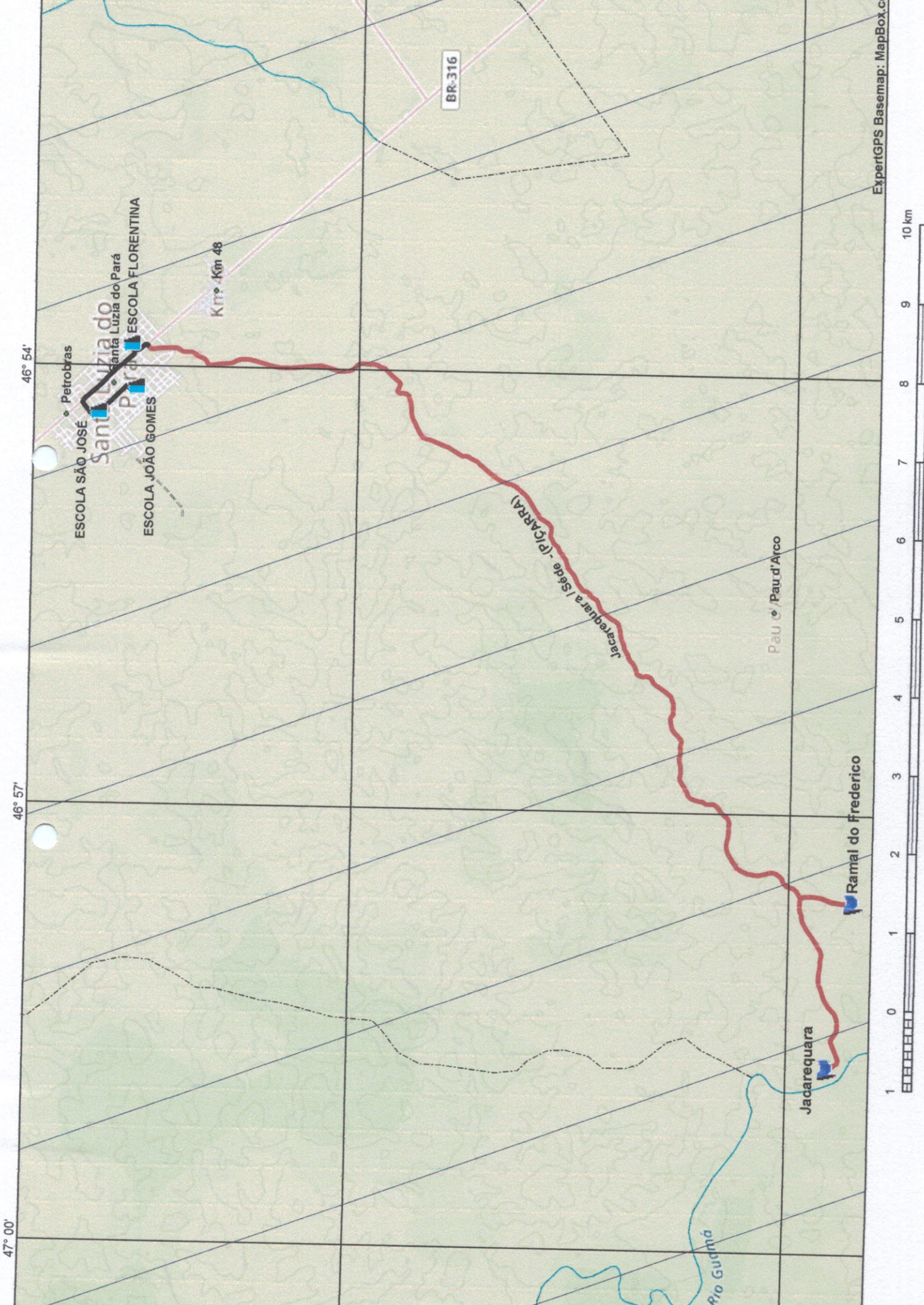
Label	Latitude	Longitude	Photos
3ª Tv. da Montenegro	S01 22 46,15	W046 53 51,90	
COM. CAMPINHO	S01 22 05,40	W046 51 11,72	
ESCOLA FLORENTINA	S01 31 26,61	W046 53 51,59	
ESCOLA JOÃO GOMES	S01 31 28,53	W046 54 08,99	
ESCOLA SÃO JOSÉ	S01 31 13,05	W046 54 19,29	



Scale: 1 : 96000. Magnetic north lines every 2 km at 20°26' west of true north.

Label	Total Distance	Type
Com. São Francisco II / Trevinho / Séde - PIÇARRA	27,04 km	GPS Tracklog
Com. São Francisco II / Trevinho / Séde - ASFALTO	6,91 km	GPS Tracklog

Label	Latitude	Longitude	Photos
COM. BENTO	S01 27 15,27	W046 45 31,49	
ESCOLA FLORENTINA	S01 31 26,61	W046 53 51,59	
ESCOLA JOÃO GOMES	S01 31 28,53	W046 54 08,99	
ESCOLA SÃO JOSÉ	S01 31 13,05	W046 54 19,29	
SÃO FRANCISCO II	S01 24 43,21	W046 45 35,02	
TREVINHO	S01 26 41,39	W046 45 56,20	



47° 00'

46° 57'

46° 54'

1° 33'

1° 36'

Jacarequara

Ramal do Frederico

Pau Paud'Alco

Jacarequara / Sede - (JARRA)

BR-316

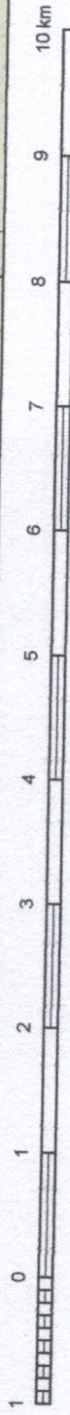
Km 48

ESCOLA JOÃO GOMES

Santa Luzia do Pará

ESCOLA SÃO JOSÉ

Petrobras



Scale: 1 : 60000. Magnetic north lines every 2 km at 20°26' west of true north.

ExpertGPS Basemap: MapBox.com

Label	Total Distance	Type
Jacarequara / Séde - (PIÇARRA)	16,66 km	GPS Tracklog
Jacarequara / Séde - (ASFALTO)	2,24 km	GPS Tracklog

Label	Latitude	Longitude	Photos
ESCOLA FLORENTINA	S01 31 26,61	W046 53 51,59	
ESCOLA JOÃO GOMES	S01 31 28,53	W046 54 08,99	
ESCOLA SÃO JOSÉ	S01 31 13,05	W046 54 19,29	
Jacarequara	S01 36 17,22	W046 58 44,32	
Ramal do Frederico	S01 36 26,08	W046 57 36,33	

46° 56'

46° 58'

1° 36'

1° 38'

COM. PAU D'ARCO

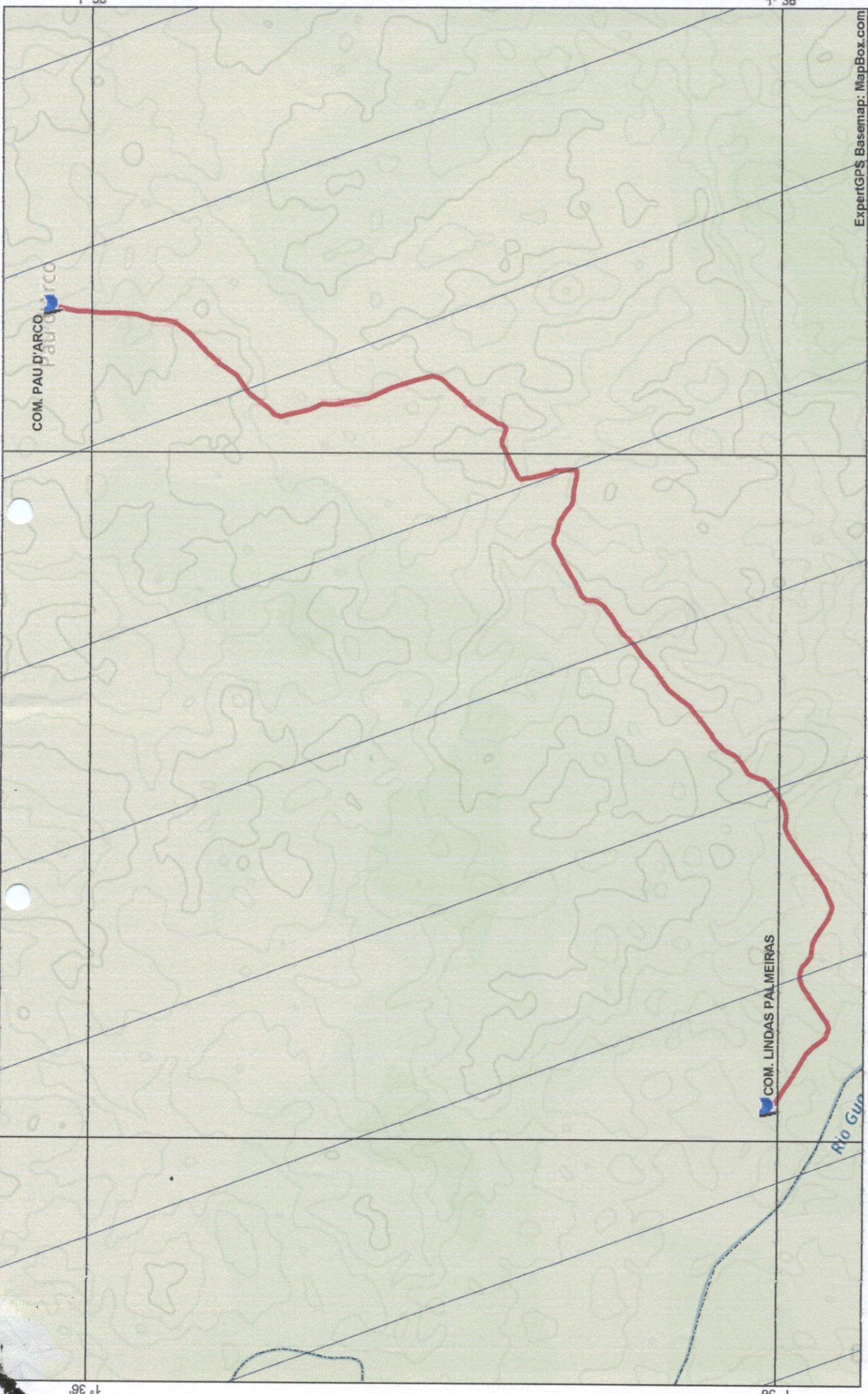
COM. LINDAS PALMEIRAS

Rio Guap

ExpertGPS Basemap: MapBox.com

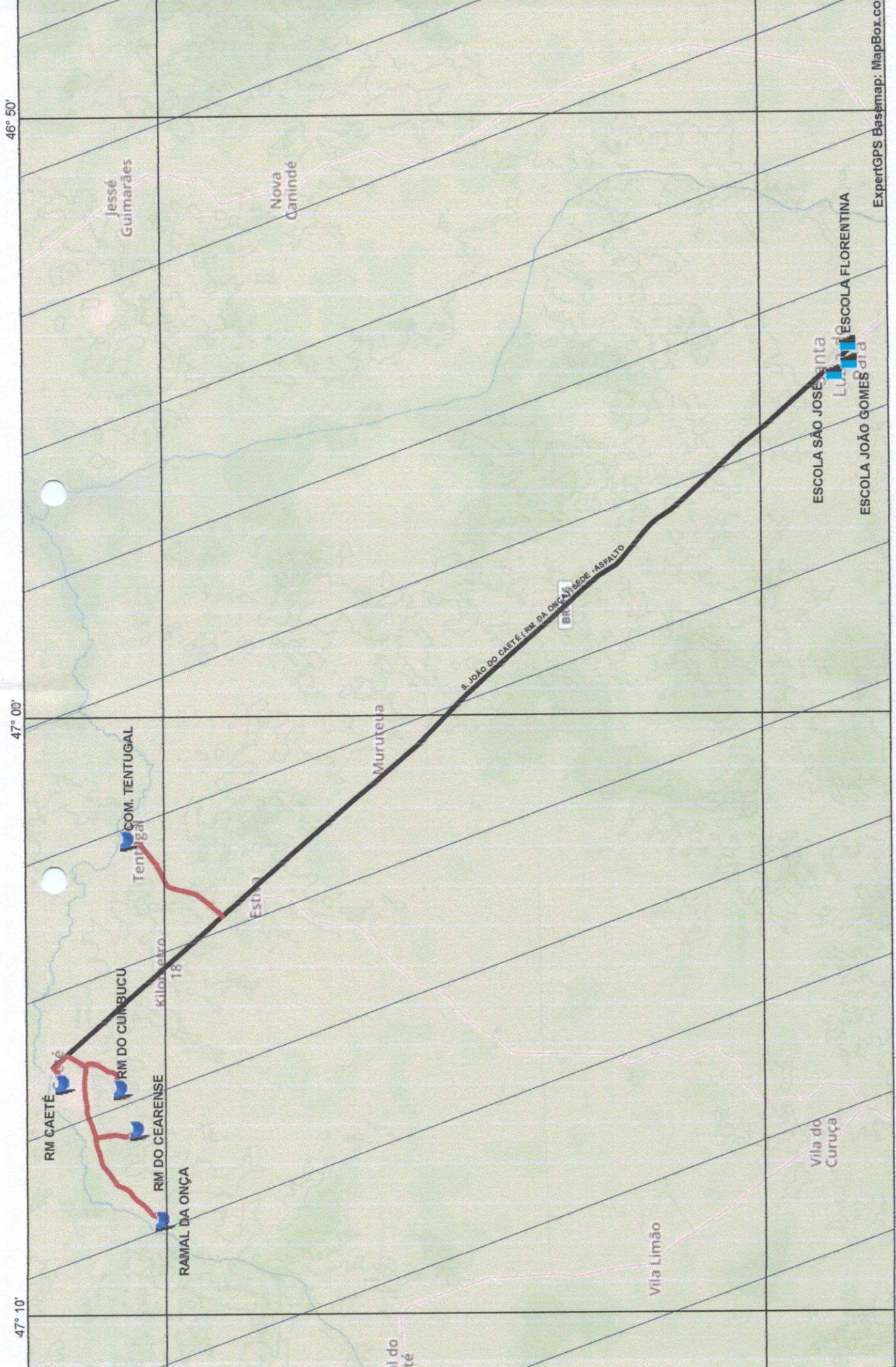


Scale: 1 : 26000. Magnetic north lines every 1000 m at 20°27' west of true north.



Label	Total Distance	Type
LINDAS PALMEIRAS / PAU D'ARCO (7,68 KM) - PIÇARRA	7,68 km	GPS Tracklog

Label	Latitude	Longitude	Photos
COM. PAU D'ARCO	S01 35 53,27	W046 55 34,71	
COM. LINDAS PALMEIRAS	S01 37 58,39	W046 57 54,07	



46° 50'

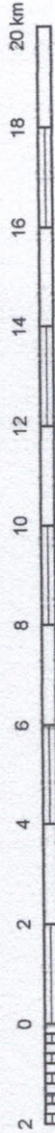
47° 00'

47° 10'

1° 20'

1° 30'

ExpertGPS Basemap: MapBox.com



Scale: 1 : 150000. Magnetic north lines every 4 km at 20°24' west of true north.

CEMTER DOTA 15.0 S. JOÃO DO CAETÉ (RM DA ONÇA) / SEDE 56.54 KM

Label	Total Distance	Type
S. JOÃO DO CAETÉ (RM DA ONÇA) / SÉDE - PIÇARRA	14,41 km	GPS Tracklog
S. JOÃO DO CAETÉ (Com. Tengugal) / SÉDE - PIÇARRA	7,68 km	GPS Tracklog
S. JOÃO DO CAETÉ (RM DA ONÇA) / SÉDE - ASFALTO	34,45 km	GPS Tracklog

Label	Latitude	Longitude	Photos
COM. TENTUGAL	S01 19 24,64	W047 02 05,91	
ESCOLA FLORENTINA	S01 31 26,61	W046 53 51,59	
ESCOLA JOÃO GOMES	S01 31 28,53	W046 54 08,99	
ESCOLA SÃO JOSÉ	S01 31 13,05	W046 54 19,29	
RM CAETÉ	S01 18 19,34	W047 06 08,72	
RM DO CEARENSE	S01 19 33,00	W047 06 56,34	
RM DO CUMBUCU	S01 19 16,22	W047 06 14,49	
RAMAL DA ONÇA	S01 19 58,28	W047 08 25,55	

46° 48'

46° 50'

46° 52'

1° 44'

1° 44'

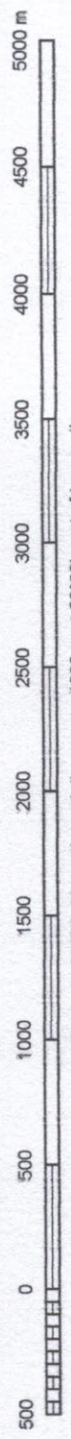
ExpertGPS Basemap: MapBox.com

ESCOLA DO BROCA

BROCA

BELA VISTA / BROCA

COM. BELA VISTA

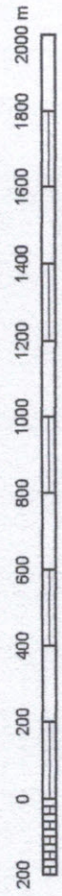
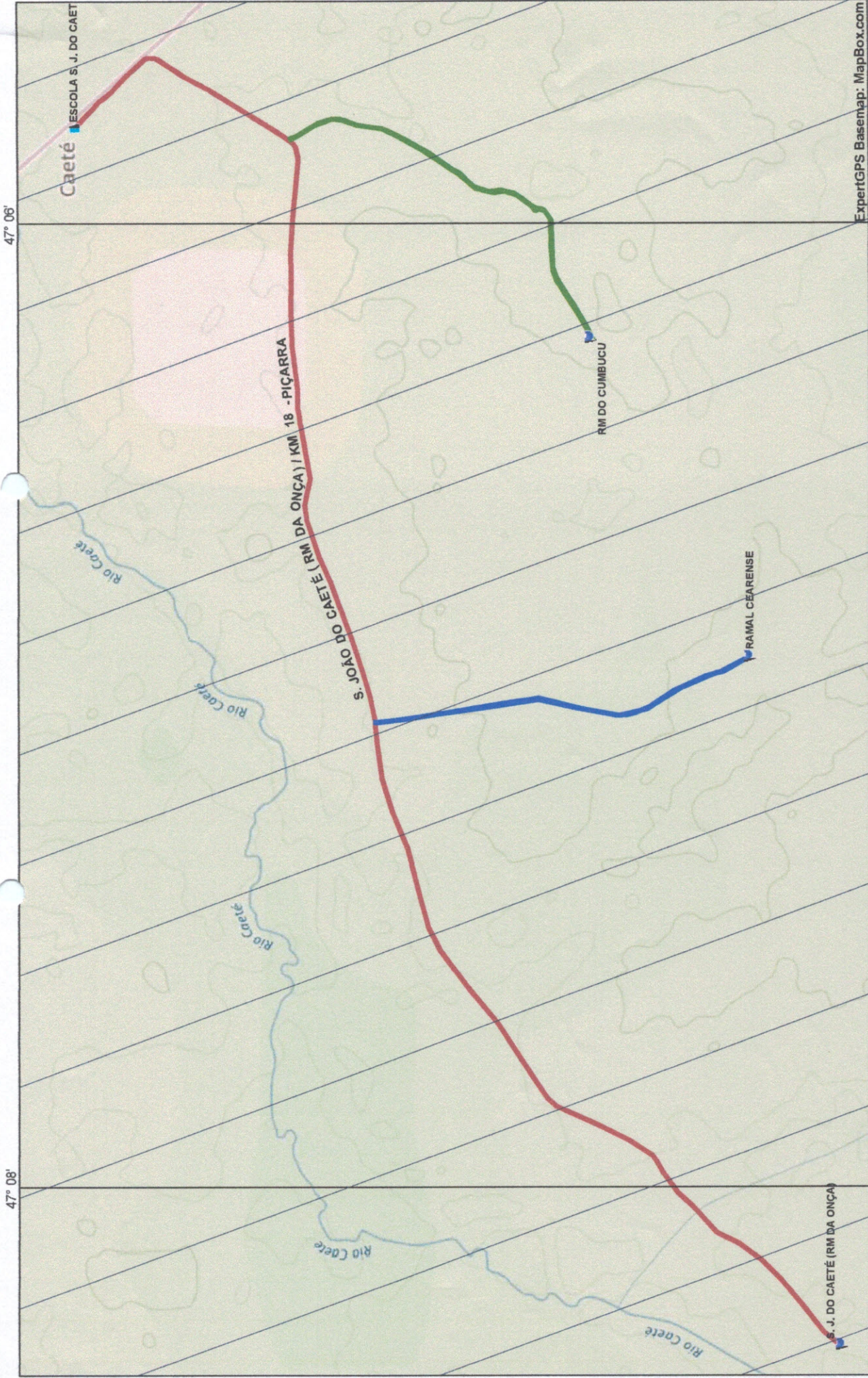


Scale: 1 : 30000. Magnetic north lines every 1000 m at 20°29' west of true north.

CEMETERIO BELA VISTA / BROCA 6.97 KM

Label	Total Distance	Type
BELA VISTA / BROCA	6,87 km	GPS Tracklog

Label	Latitude	Longitude	Photos
COM. BELA VISTA	S01 45 07,35	W046 51 02,71	
ESCOLA DO BROCA	S01 42 26,76	W046 48 34,08	



Scale: 1 : 19000. Magnetic north lines every 400 m at 20°22' west of true north.

SEMED - ROTA 17: RM S. JOÃO DO CAETÉ (RM DA ONÇA) / CAETÉ - 12,71 (PIÇARRA)

Label	Total Distance	Type
S. JOÃO DO CAETÉ (RM DA ONÇA) / KM 18 - PIÇARRA	6,44 km	GPS Tracklog
S. JOÃO DO CAETÉ (RM CUMBUCU) / KM 18 - PIÇARRA	3,28 km	GPS Tracklog
S. JOÃO DO CAETÉ (RM DO CEARENSE) / KM 18 - PIÇARRA	2,99 km	GPS Tracklog

DiLabeltion	Latitude	Longitude	Photos
ESCOLA S. J. DO CAETÉ	S01 18 11,89	W047 05 48,32	
RAMAL CEARENSE	S01 19 35,66	W047 06 53,86	
S. J. DO CAETÉ (RM DA ONÇA)	S01 19 46,99	W047 08 19,61	
RM DO CUMBUKU	S01 19 15,95	W047 06 14,19	



Label

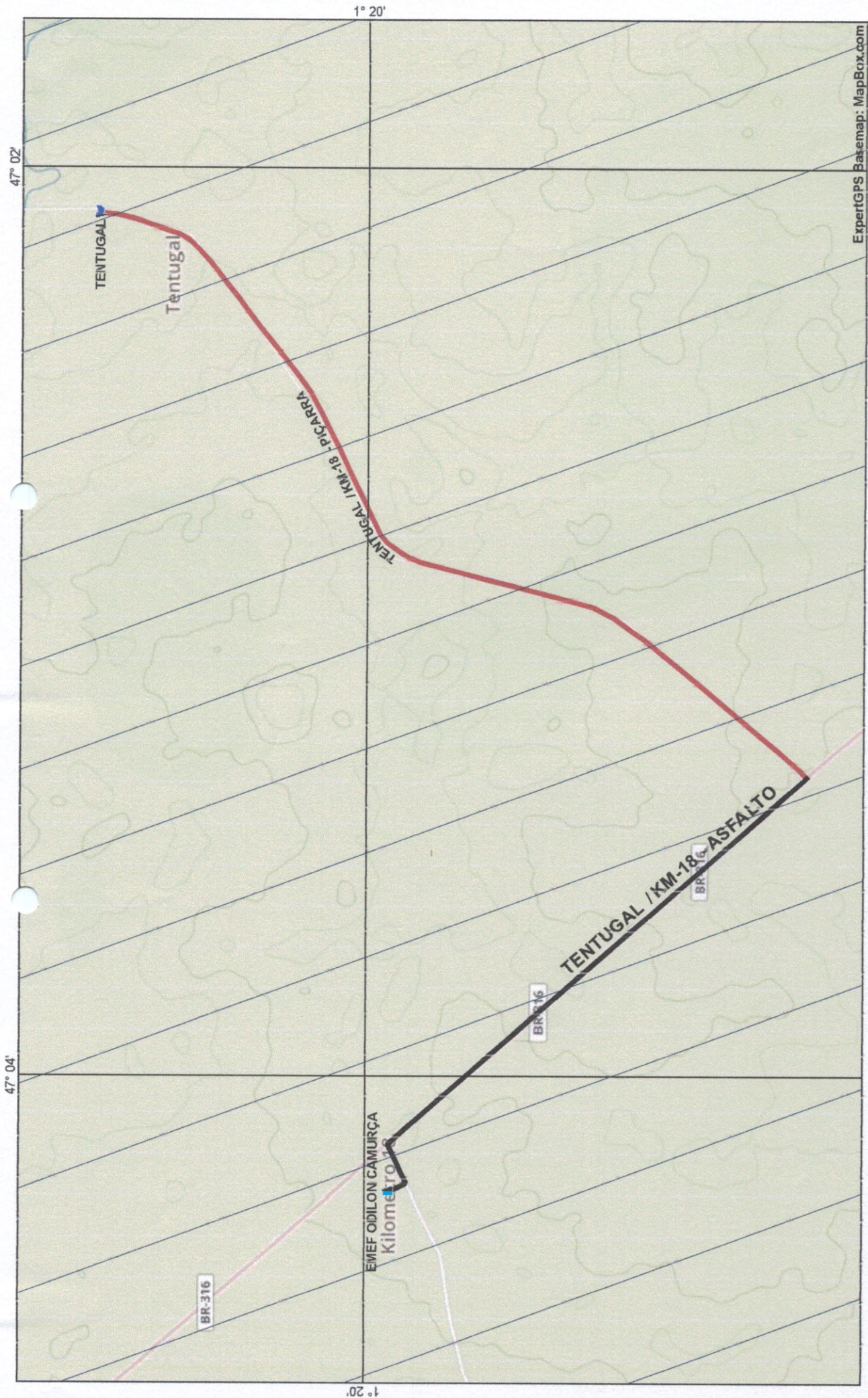
Total Distance Type

TV. Sta MARIA / KM-18

12,73 km

GPS Tracklog

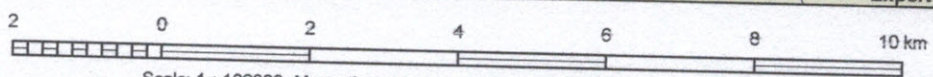
Label	Latitude	Longitude	Photos
EMEF ODILON CAMURÇA	S01 20 04,42	W047 04 14,00	
RM DA SEIXEIRA	S01 20 57,40	W047 05 55,50	
RM TV. STA MARIA	S01 21 19,93	W047 04 43,97	
TV. Sta MARIA	S01 22 37,00	W047 06 14,47	



SEMED - ROTA 19: TENTUGAL - KM-18 / 6,38 KM

Label	Total Distance	Type
TENTUGAL / KM-18 - PIÇARRA	3,86 km	GPS Tracklog
TENTUGAL / KM-18 - ASFALTO	2,52 km	GPS Tracklog

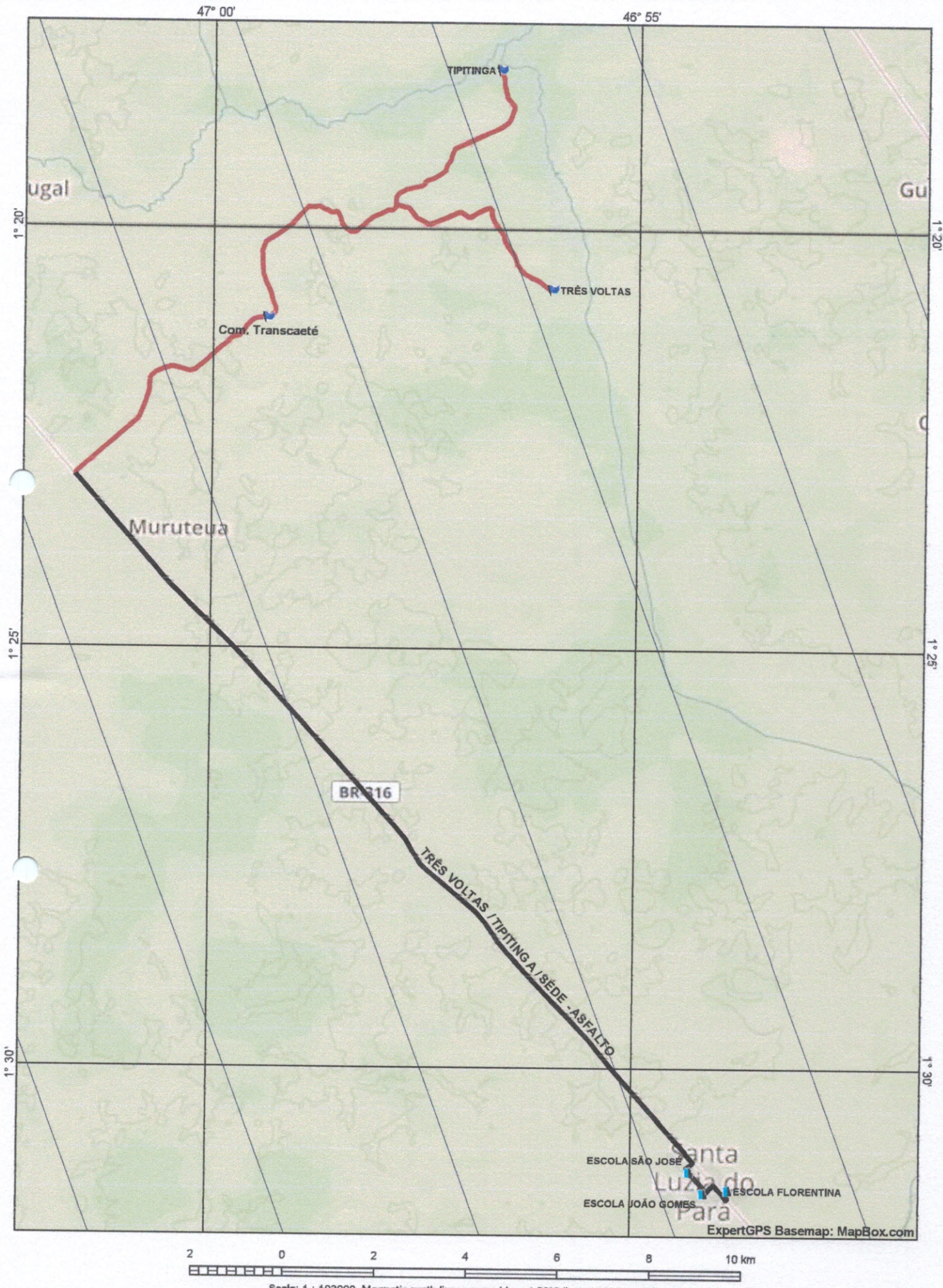
Label	Latitude	Longitude	Photos
EMEF ODILON CAMURÇA	S01 20 03,03	W047 04 15,27	
TENTUGAL	S01 19 24,64	W047 02 05,91	



SEMED - ROTA 20: TENTUGAL / SÉDE - 31,07 KM

Label	Total Distance	Type
TENTUGAL / SÉDE - PIÇARRA	3,86 km	GPS Tracklog
TENTUGAL / SÉDE - ASFALTO	27,21 km	GPS Tracklog

Label	Latitude	Longitude	Photos
ESCOLA FLORENTINA	S01 31 26,61	W046 53 51,59	
ESCOLA JOÃO GOMES	S01 31 28,53	W046 54 08,99	
ESCOLA SÃO JOSÉ	S01 31 13,05	W046 54 19,29	
TENTUGAL	S01 19 24,64	W047 02 05,91	



SEMED - ROTA 21: TRÊS VOLTAS / TIPITINGA / SÉDE - 47,53 KM

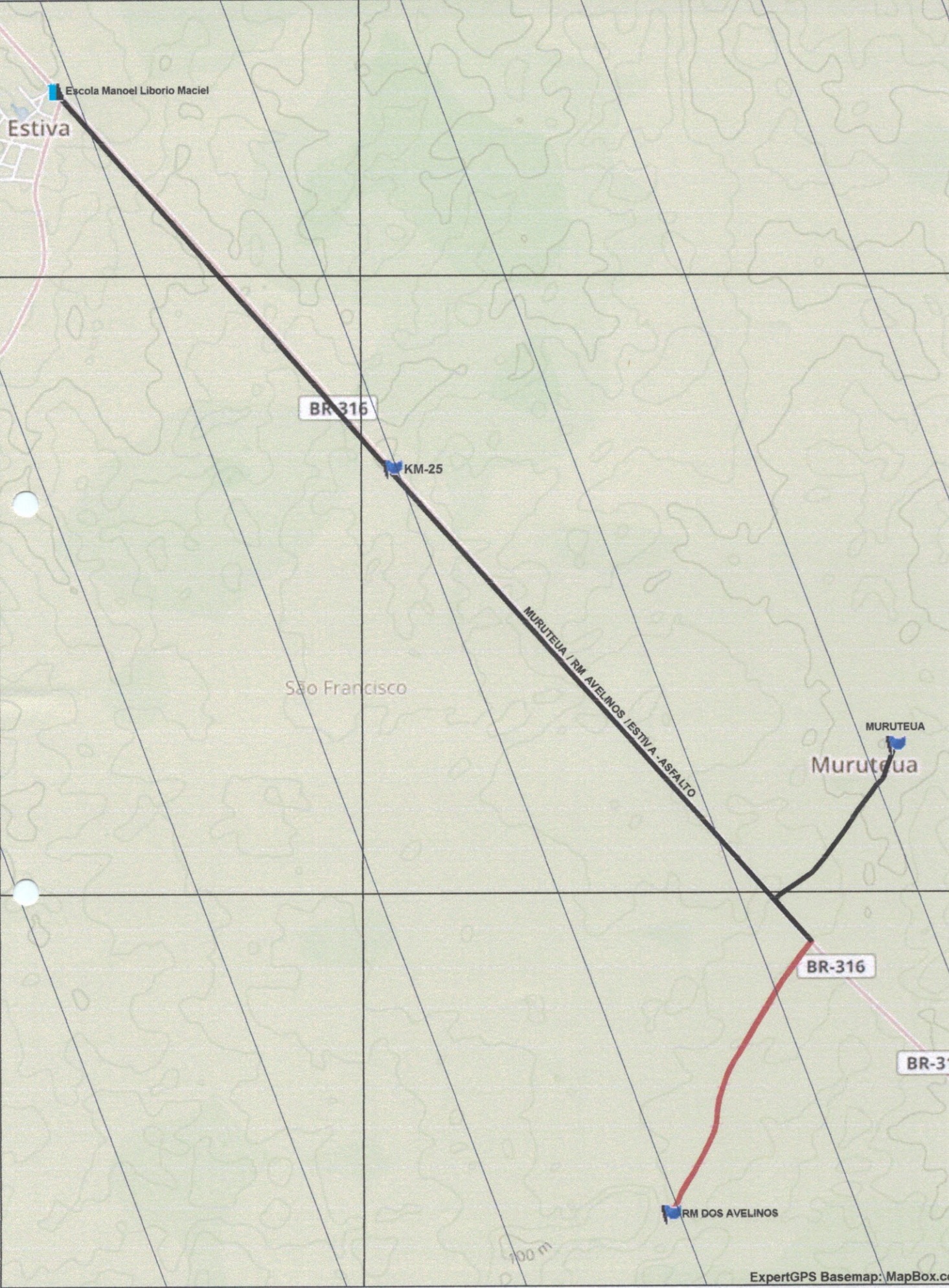
Label	Total Distance	Type
TRÊS VOLTAS / TIPITINGA / SÉDE: PIÇARRA	25,23 km	GPS Tracklog
TRÊS VOLTAS / TIPITINGA / SÉDE - ASFALTO	22,30 km	GPS Tracklog

Label	Latitude	Longitude	Photos
Com. Transcaeté	S01 21 03,86	W046 59 21,38	
ESCOLA FLORENTINA	S01 31 26,61	W046 53 51,59	
ESCOLA JOÃO GOMES	S01 31 28,53	W046 54 08,99	
ESCOLA SÃO JOSÉ	S01 31 13,05	W046 54 19,29	
TIPITINGA	S01 18 08,06	W046 56 37,97	
TRÊS VOLTAS	S01 20 42,62	W046 56 00,63	

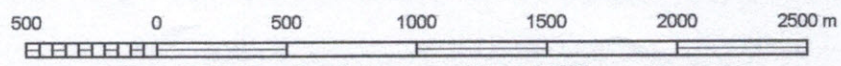
47° 02'

1° 22'

1° 24'



ExpertGPS Basemap: MapBox.co

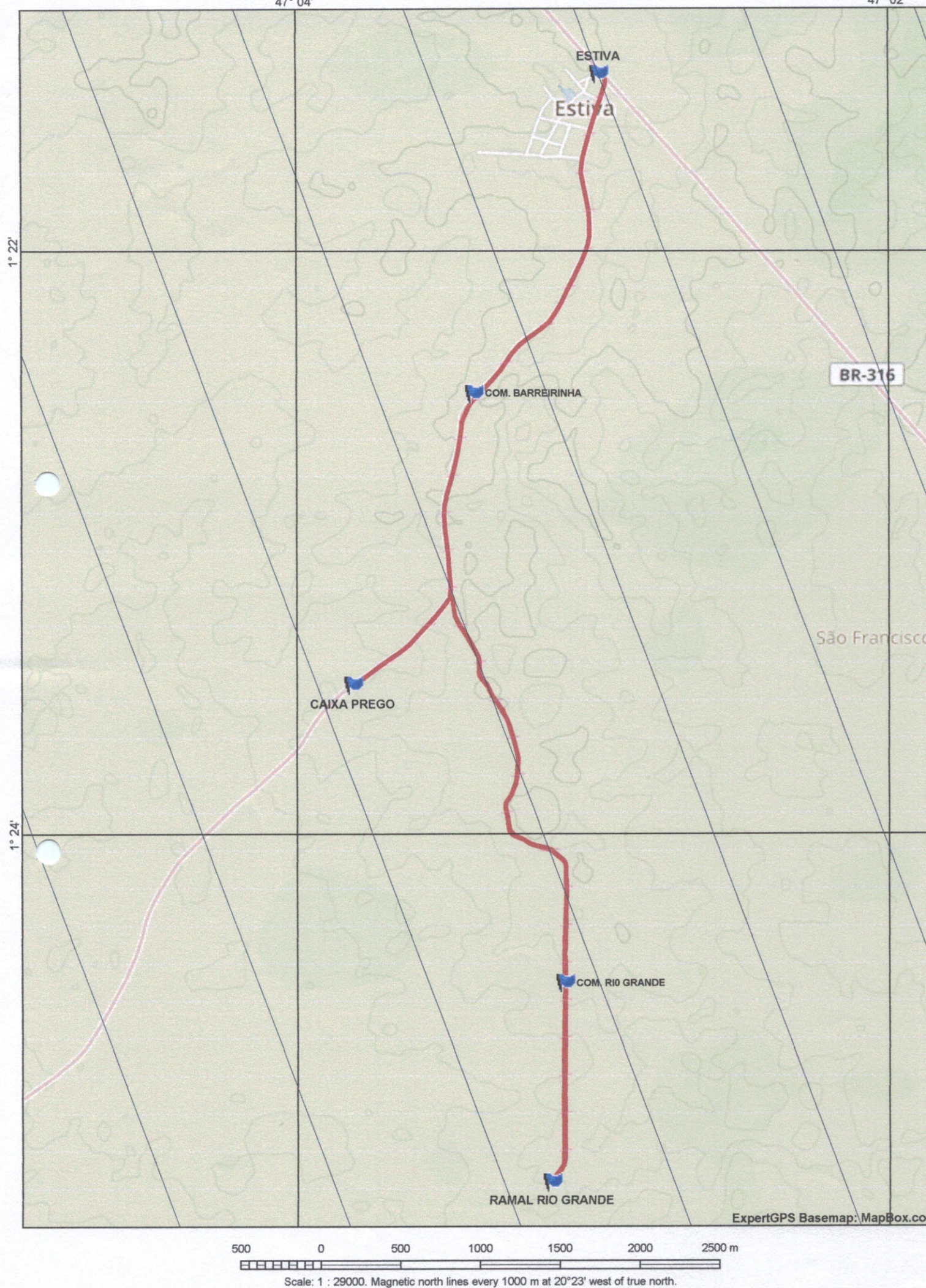


Scale: 1 : 29000. Magnetic north lines every 1000 m at 20°23' west of true north.

SEMED - ROTA 22 - MURUTEUA / ESTIVA - 12,09 KM

Label	Total Distance	Type
MURUTEUA / RM AVELINOS / ESTIVA - PIÇARRA	3,71 km	GPS Tracklog
MURUTEUA / RM AVELINOS / ESTIVA - ASFALTO	8,38 km	GPS Tracklog

Label	Latitude	Longitude	Photos
Escola Manoel Liborio Maciel	S01 21 24,00	W047 02 58,51	
KM-25	S01 22 37,07	W047 01 54,04	
MURUTEUA	S01 23 31,30	W047 00 17,75	
RM DOS AVELINOS	S01 25 02,47	W047 01 01,28	



Scale: 1 : 29000. Magnetic north lines every 1000 m at 20°23' west of true north.

SEMED - ROTA 23: ESTIVA / RIO GRANDE / CX. PREGO - 12,61 KI

Label	Total Distance	Type
ESTIVA / RIO GRANDE / CX. PREGO - PIÇARRA	12,61 km	GPS Tracklog

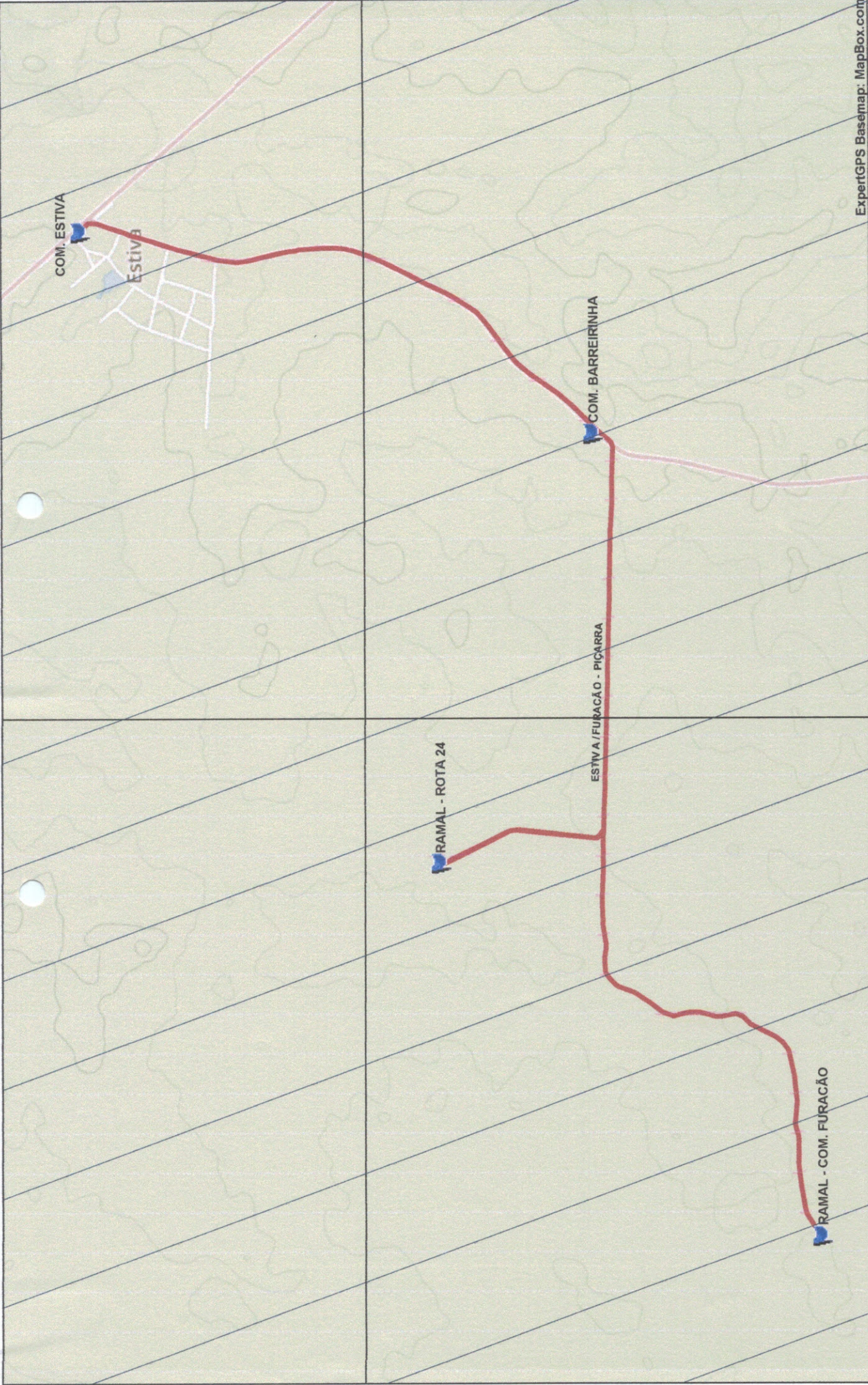
Label	Latitude	Longitude	Photos
CAIXA PREGO	S01 23 29,36	W047 03 48,68	
COM. BARREIRINHA	S01 22 29,00	W047 03 23,95	
COM. RIO GRANDE	S01 24 30,69	W047 03 05,72	
ESTIVA	S01 21 24,12	W047 02 58,59	
RAMAL RIO GRANDE	S01 25 11,57	W047 03 08,51	

47° 04'

1° 22'

1° 22'

ExpertGPS Basemap: MapBox.com



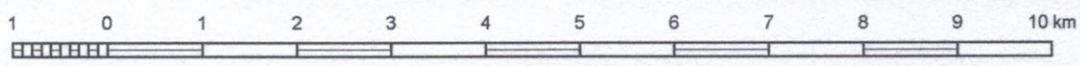
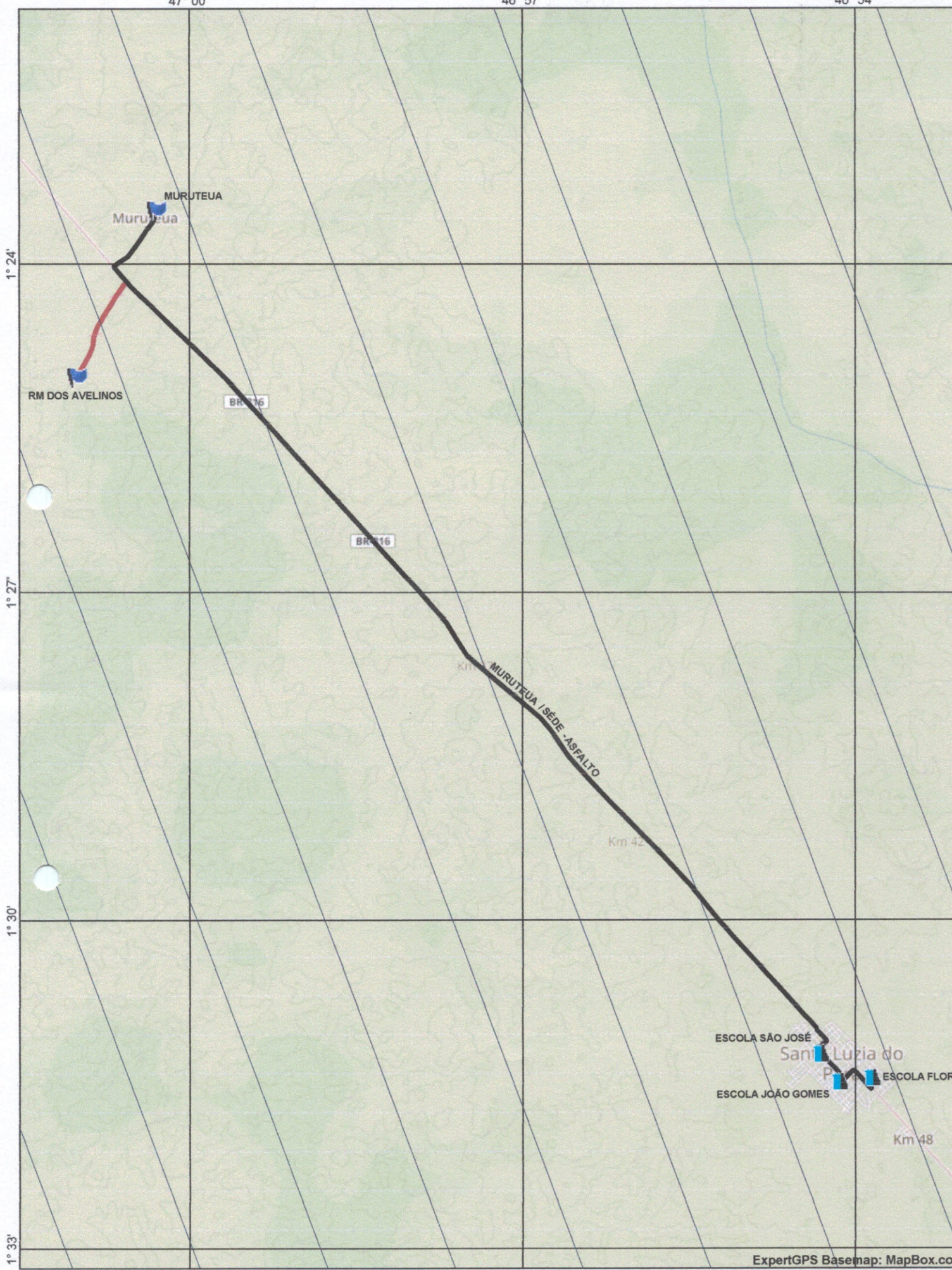
200 0 200 400 600 800 1000 1200 1400 1600 1800 2000 m

Scale: 1 : 19000. Magnetic north lines every 400 m at 20°23' west of true north.

SENER ROTA 24 ESTIVA / FURACÃO - PIÇARRA

Label	Total Distance	Type
ESTIVA / FURACÃO - PIÇARRA	7,44 km	GPS Tracklog

Label	Latitude	Longitude	Photos
COM. ESTIVA	S01 21 24,12	W047 02 58,59	
RAMAL - COM. FURACÃO	S01 22 57,82	W047 05 05,85	
RAMAL - ROTA 24	S01 22 09,53	W047 04 18,57	
COM. BARREIRINHA	S01 22 29,00	W047 03 23,95	



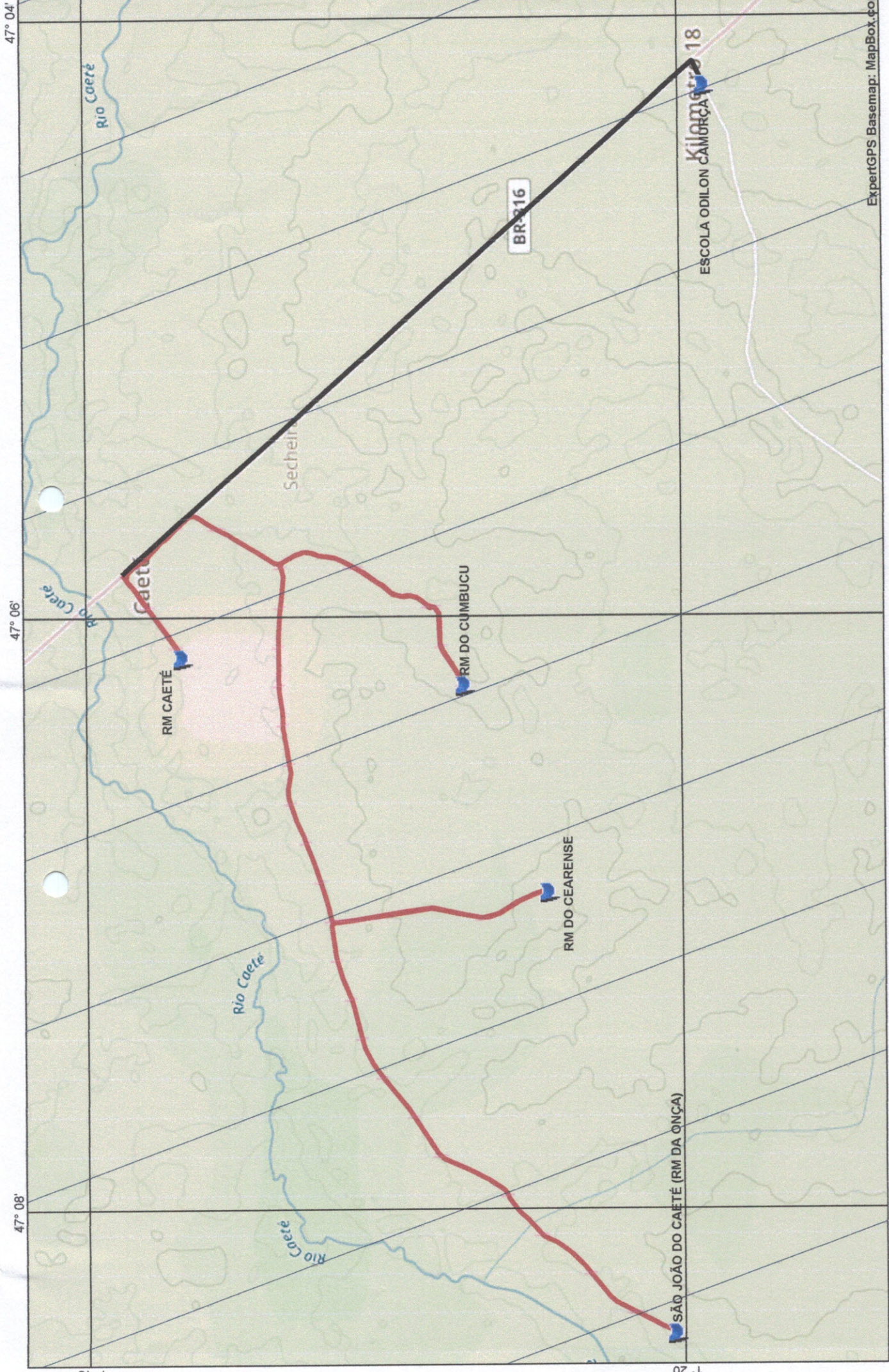
Scale: 1 : 80000. Magnetic north lines every 2 km at 20°25' west of true north.

SEMED - ROTA 25 - MURUTEUA / SÉDE - 24,66 KM

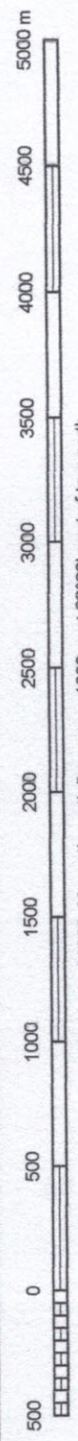
Label	Total Distance	Type
MURUTEUA / SÉDE - PIÇARRA	3,71 km	GPS Tracklog
MURUTEUA / SÉDE - ASFALTO	20,95 km	GPS Tracklog

ROTA 25.gpx

Label	Latitude	Longitude	Photos
ESCOLA FLORENTINA	S01 31 26,61	W046 53 51,59	
ESCOLA JOÃO GOMES	S01 31 28,53	W046 54 08,99	
ESCOLA SÃO JOSÉ	S01 31 13,05	W046 54 19,29	
MURUTEUA	S01 23 30,82	W047 00 17,73	
RM DOS AVELINOS	S01 25 02,47	W047 01 01,28	



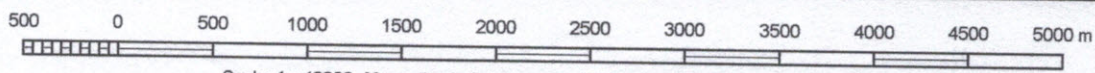
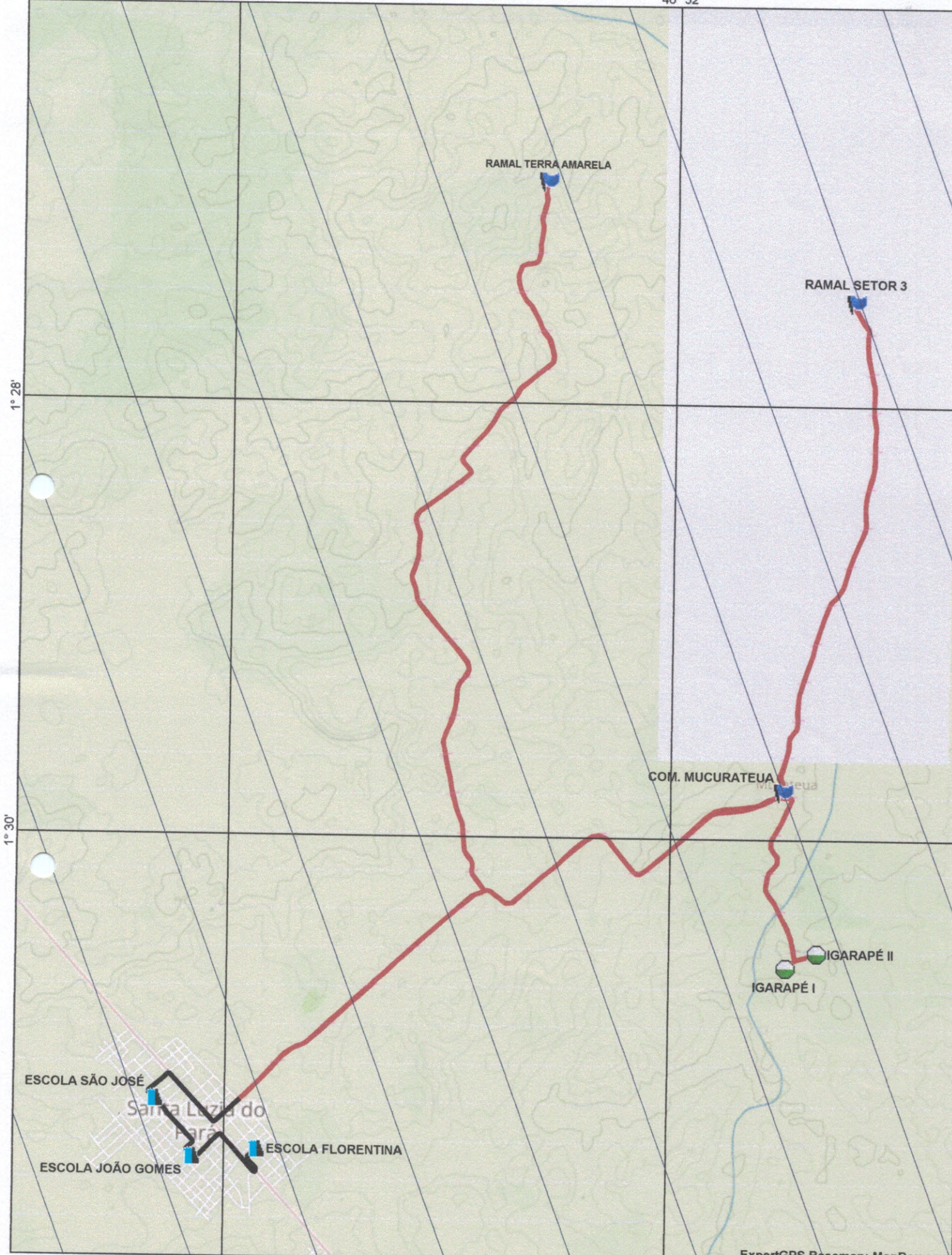
ExpertGPS Basemap: MapBox.com



CEARENSE (RM DO CEARENSE) / RM DO CUMBUCU / RM DO CAETÉ / (RM DA QINÇA) / KM 18 / 10333 KM

Label	Total Distance	Type
S. JOÃO DO CAETÉ (RM DA ONÇA) / KM 18 - PIÇARRA	14,41 km	GPS Tracklog
S. JOÃO DO CAETÉ (RM DA ONÇA) / KM 18 - ASFALTO	4,92 km	GPS Tracklog

Label	Latitude	Longitude	Photos
ESCOLA ODILON CAMURÇA	S01 20 05,34	W047 04 14,11	
RM CAETÉ	S01 18 19,34	W047 06 08,72	
RM DO CEARENSE	S01 19 33,00	W047 06 56,34	
RM DO CUMBUCU	S01 19 16,22	W047 06 14,49	
SÃO JOÃO DO CAETÉ (RM DA ONÇAS)	S01 19 58,28	W047 08 25,55	

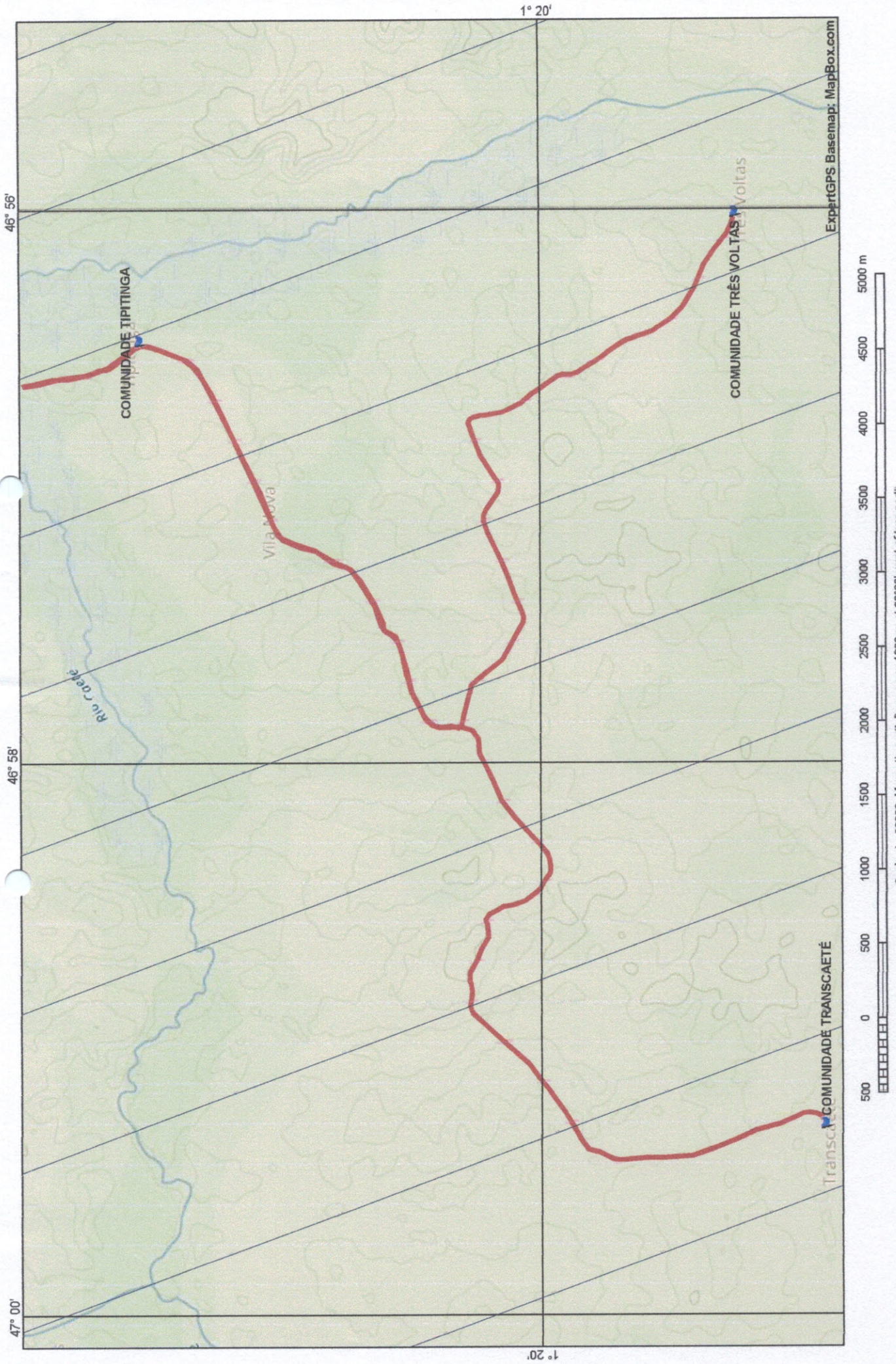


Scale: 1 : 40000. Magnetic north lines every 1000 m at 20°26' west of true north.

ROTA 27 - MUCURATEUA / TERRA AMARELA / SEDE - 41,33 KM

Label	Total Distance	Type
MUCURATEUA - TERRA AMARELA - SÉDE / PIÇARRA	38,47 km	GPS Tracklog
MUCURATEUA - TERRA AMARELA - SÉDE / ASFALTO	2,86 km	GPS Tracklog

Label	Latitude	Longitude	Photos
COM. MUCURATEUA	S01 29 46,86	W046 51 29,50	
ESCOLA FLORENTINA	S01 31 26,61	W046 53 51,59	
ESCOLA JOÃO GOMES	S01 31 28,53	W046 54 08,99	
ESCOLA SÃO JOSÉ	S01 31 13,05	W046 54 19,29	
IGARAPÉ I	S01 30 35,44	W046 51 28,35	
IGARAPÉ II	S01 30 31,41	W046 51 19,95	
RAMAL SETOR 3	S01 27 31,49	W046 51 11,70	
RAMAL TERRA AMARELA	S01 26 59,37	W046 52 35,53	



ExpertGPS Basemap: MapBox.com

Scale: 1 : 32000. Magnetic north lines every 1000 m at 20°23' west of true north.

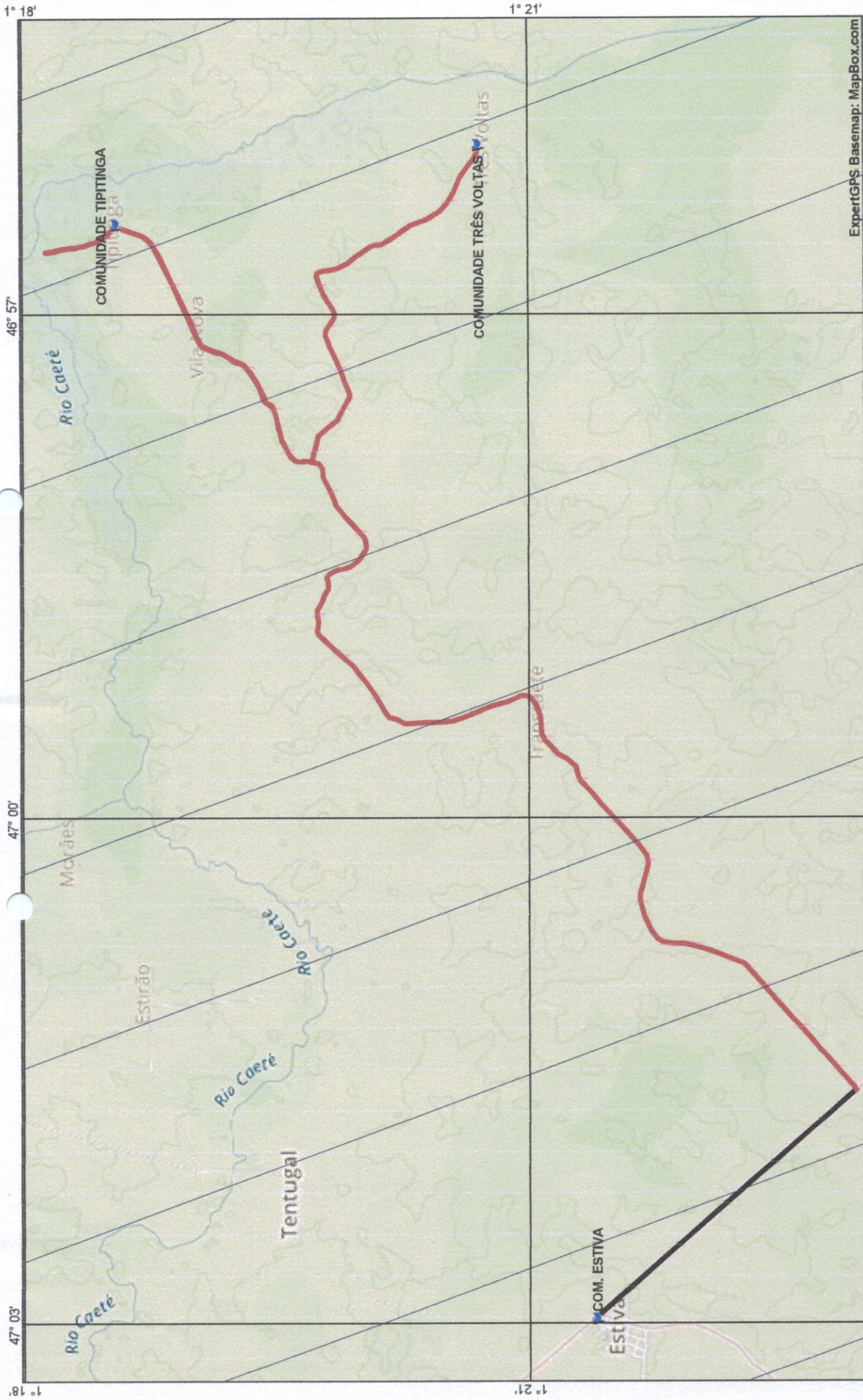
SEMED - ROTA 28 - TRANSCAETÉ / TIPITINGA / TRÊS VOLTAS: 18,95 KM (PIÇARRA)

Label	Total Distance	Type
TRANSCAETÉ / TIPITINGA / 3 VOLTAS - PIÇARRA	18,95 km	GPS Tracklog

Label	Latitude	Longitude	Photos
COMUNIDADE TRANSCAETÉ	S01 21 01,82	W046 59 18,70	
COMUNIDADE TRÊS VOLTAS	S01 20 42,62	W046 56 00,63	
COMUNIDADE TIPITINGA	S01 18 33,57	W046 56 28,37	

1° 18'

1° 21'



ExpertGPS Basemap: MapBox.com



Scale: 1 : 54000. Magnetic north lines every 2 km at 20°23' west of true north.

SEMED - ROTA 29: TRÊS VOLTAS / TIPITINGA / ESTIVA - 28,75 KM

Label	Total Distance	Type
3 VOLTAS / TIPITINGA - ESTIVA / ASFALTO	3,87 km	GPS Tracklog
3 VOLTAS / TIPITINGA / ESTIVA - PIÇARRA	24,88 km	GPS Tracklog

Label	Latitude	Longitude	Photos
COM. ESTIVA	S01 21 24,14	W047 02 58,56	
COMUNIDADE TIPITINGA	S01 18 33,57	W046 56 28,37	
COMUNIDADE TRÊS VOLTAS	S01 20 42,62	W046 56 00,63	

46° 58'

47° 00'

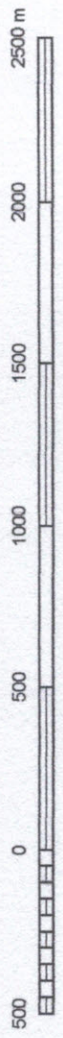
1° 28'

1° 28'

BR-316 / KM-37

Km 37

RAMAL YATUQUARA - SAIDA



Scale: 1 : 23000. Magnetic north lines every 1000 m at 20°25' west of true north.

ExpertGPS Basemap: MapBox.com



Label	Total Distance	Type
RAMAL TATUQUARA / KM-37	15,94 km	GPS Tracklog

Label	Latitude	Longitude	Photos
BR-316 / KM-37	S01 27 33,40	W046 57 31,30	
RAMAL TATUQUARA - SAIDA	S01 29 10,31	W047 00 37,09	

46° 54'

BR-316

BR-316

BR-316

Santa Luzia do Pará

SAIDA GARAGEM

204

202

185

184

201

174

176

177

184

175

195

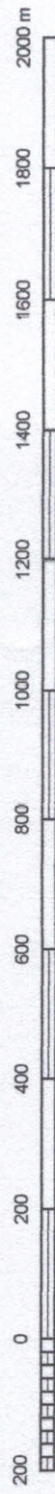
196

198

199

200

197



Scale: 1 : 11500. Magnetic north lines every 400 m at 20°26' west of true north.

Label	Total Distance	Type
Transp. Escolar de Port. de Neces. Educ. Especiais	9,35 km	GPS Tracklog

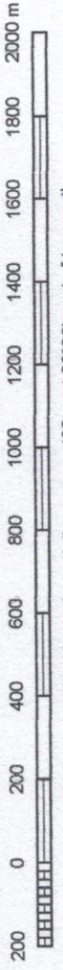
Description	Label	Latitude	Longitude	Photos
BAIRRO DO ROCHA	174	S01 31 12,05	W046 54 26,93	
BAIRRO DO ROCHA	175	S01 31 28,66	W046 54 31,99	
BAIRRO DO ROCHA	176	S01 31 12,74	W046 54 23,17	
BAIRRO DO ROCHA	177	S01 31 14,89	W046 54 21,55	
BAIRRO DO 46	184	S01 31 00,65	W046 54 13,13	
BAIRRO DO 46	185	S01 31 00,99	W046 54 18,27	
ESCOLA SÃO JOSÉ	194	S01 31 12,58	W046 54 18,39	
ESCOLA JOÃO GOMES	195	S01 31 28,30	W046 54 09,19	
BAIRRO NOVO	196	S01 31 36,34	W046 54 08,10	
BAIRRO BOA ESPERANÇA	197	S01 31 44,01	W046 54 09,28	
BAIRRO DA BAIXADA	198	S01 31 39,80	W046 54 02,70	
BAIRRO NATOLÂNDIA	199	S01 31 41,75	W046 53 56,52	
BAIRRO CENTRO	200	S01 31 24,02	W046 53 47,95	
BAIRRO DA PAZ	201	S01 31 04,49	W046 54 05,14	
BAIRRO DA PAZ	202	S01 30 53,20	W046 54 07,82	
BAIRRO DA PAZ	203	S01 30 44,48	W046 53 57,79	
BAIRRO DA PAZ	204	S01 30 48,68	W046 54 09,30	
SAIDA GARAGEM	SAIDA GARAGEM	S01 31 26,71	W046 54 09,02	

46° 54'

1° 32'

1° 32'

ExpertGPS Basemap: MapBox.com



Scale: 1 : 18000. Magnetic north lines every 400 m at 20°26' west of true north.

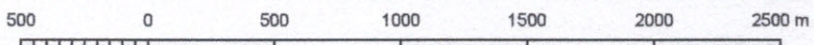
... 15 26 KM

Label	Total Distance	Type
Transp. Escolar de Port. de Neces. Educ. Especiais	15,26 km	GPS Tracklog

ROTA 31 - MANHÃ.gpx

Description	Label	Latitude	Longitude	Photos
ESCOLA SÃO JOSÉ	194	S01 31 12,58	W046 54 18,39	
ESCOLA JOÃO GOMES	195	S01 31 28,30	W046 54 09,19	
BAIRRO MORORÓ	206	S01 30 57,61	W046 54 31,27	
BAIRRO ROCHA	207	S01 31 14,93	W046 54 24,38	
BAIRRO DO 46	208	S01 31 02,09	W046 54 07,50	
BAIRRO DA PAZ	209	S01 30 55,12	W046 54 02,92	
BAIRRO DO 46	210	S01 30 59,27	W046 54 12,97	
BAIRRO CENTRO	211	S01 31 16,77	W046 53 59,60	
BAIRRO CENTRO	212	S01 31 18,88	W046 53 57,50	
BAIRRO CENTRO - ABRIGO	213	S01 31 24,37	W046 53 49,87	
KM-49	214	S01 32 31,54	W046 52 53,58	
KM-48	215	S01 31 59,31	W046 53 25,92	
BAIRRO CENTRO	216	S01 31 40,07	W046 53 43,98	
BAIRRO CURI	217	S01 32 02,50	W046 54 05,27	
BAIRRO NATOLÂNDIA	218	S01 31 38,49	W046 53 55,54	
BAIRRO DA BAIXADA	219	S01 31 42,28	W046 54 01,83	
BAIRRO CENTRO	220	S01 31 31,59	W046 54 02,57	
BAIRRO CENTRO	221	S01 31 29,84	W046 54 03,37	
SAIDA	SAIDA	S01 31 26,71	W046 54 09,02	

47° 02'



Scale: 1 : 29000. Magnetic north lines every 1000 m at 20°23' west of true north.

SEMED - ROTA 32 - MURUTEUA / ESTIVA - 12,09 KM

ExpertGPS Basemap: MapBox.com

ROTA 32.gpx

Label	Total Distance	Type
MURUTEUA / RM AVELINOS / ESTIVA - ASFALTO	8,38 km	GPS Tracklog
MURUTEUA / RM AVELINOS / ESTIVA - PIÇARRA	3,71 km	GPS Tracklog

DiLabeltion	Latitude	Longitude	Photos
Escola Manoel Liborio Maciel	S01 21 24,00	W047 02 58,51	
KM-25	S01 22 37,07	W047 01 54,04	
MURUTEUA	S01 23 31,30	W047 00 17,75	
RM DOS AVELINOS	S01 25 02,47	W047 01 01,28	
