

Meridiano	Datum	Hemisf.
-39°00'00"	SAD-69	Sul

Nome	Descrição	Norte	Este	Cota
TRP002	EST	8.911.781,459	721.749,920	170,430

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C001	CERCA	8.911.856,168	721.874,819	156,562	59°06'50"	359°06'11"	145,54	-13,87
C002	CERCA	8.911.850,041	721.877,970	156,346	61°49'37"	1°48'58"	145,26	-14,08
E001	EIXO	8.911.852,283	721.876,991	156,218	60°51'59"	0°51'20"	145,48	-14,21
E002	EIXO	8.911.838,961	721.851,348	159,362	60°27'00"	0°26'21"	116,59	-11,07
C003	CERCA	8.911.836,547	721.852,527	159,518	61°46'10"	1°45'31"	116,46	-10,91
C004	CERCA	8.911.841,963	721.848,434	159,779	58°26'36"	358°25'57"	115,61	-10,65
C005	CERCA	8.911.847,416	721.836,265	160,388	52°37'28"	352°36'49"	108,65	-10,04
F001	CASA	8.911.845,438	721.832,289	160,721	52°09'44"	352°09'05"	104,30	-9,71
C006	CERCA	8.911.827,608	721.810,391	163,554	52°39'01"	352°38'22"	76,07	-6,88
C007	CERCA	8.911.822,750	721.812,072	163,678	56°24'06"	356°23'27"	74,62	-6,75
C008	CERCA	8.911.816,904	721.815,187	163,950	61°29'42"	1°29'03"	74,27	-6,48
D001	POSTE	8.911.814,125	721.809,993	164,692	61°27'49"	1°27'10"	68,38	-5,74
E003	EIXO	8.911.819,195	721.813,567	163,713	59°20'11"	359°19'32"	73,99	-6,72
E004	EIXO	8.911.806,247	721.789,855	166,292	58°10'18"	358°09'39"	47,00	-4,14
C009	CERCA	8.911.810,223	721.787,915	166,562	52°52'19"	352°51'40"	47,65	-3,87
C010	CERCA	8.911.803,704	721.790,859	166,502	61°28'55"	1°28'16"	46,59	-3,93
C011	CERCA	8.911.790,982	721.768,272	168,851	62°34'25"	2°33'46"	20,68	-1,58
C012	CERCA	8.911.798,581	721.764,777	168,820	40°56'54"	340°56'15"	22,67	-1,61
E005	EIXO	8.911.793,871	721.767,312	168,795	54°29'06"	354°28'27"	21,37	-1,64
E006	EIXO	8.911.788,972	721.758,520	169,338	48°51'38"	348°50'59"	11,42	-1,09
E007	EIXO	8.911.786,449	721.749,531	169,951	355°32'12"	295°31'33"	5,00	-0,48
D002	POSTE	8.911.780,936	721.750,496	170,425	132°16'34"	72°15'55"	0,78	0,00
C013	CERCA	8.911.781,944	721.752,336	170,252	78°38'53"	18°38'14"	2,46	-0,18
C014	CERCA	8.911.790,596	721.749,118	169,847	354°58'56"	294°58'17"	9,17	-0,58
C015	CERCA	8.911.774,881	721.740,196	171,843	235°55'29"	175°54'50"	11,74	1,41
F002	CASA	8.911.777,979	721.731,128	171,948	259°30'26"	199°29'47"	19,11	1,52
C016	CERCA	8.911.781,029	721.724,314	172,283	269°02'18"	209°01'39"	25,61	1,85
C017	CERCA	8.911.789,021	721.726,545	171,605	287°55'41"	227°55'02"	24,57	1,18
C018	CERCA	8.911.797,123	721.729,504	171,399	307°29'54"	247°29'15"	25,73	0,97
E008	EIXO	8.911.793,038	721.728,005	171,271	297°51'02"	237°50'23"	24,79	0,84
E009	EIXO	8.911.802,148	721.702,811	172,557	293°42'35"	233°41'56"	51,45	2,13
D003	POSTE	8.911.796,747	721.708,372	172,807	290°12'07"	230°11'28"	44,27	2,38
C019	CERCA	8.911.805,946	721.704,073	172,786	298°06'25"	238°05'46"	51,98	2,36
C020	CERCA	8.911.798,634	721.701,918	173,158	289°41'12"	229°40'33"	50,98	2,73
C021	CERCA	8.911.807,080	721.679,397	174,267	289°57'57"	229°57'18"	75,03	3,84
C022	CERCA	8.911.813,452	721.682,415	173,722	295°21'30"	235°20'51"	74,70	3,29
F003	CASA	8.911.816,156	721.686,422	173,334	298°39'12"	238°38'33"	72,36	2,90
D004	POSTE	8.911.809,676	721.675,286	174,258	290°42'37"	230°41'58"	79,79	3,83
E010	EIXO	8.911.809,234	721.683,081	173,514	292°33'55"	232°33'16"	72,38	3,08
E011	EIXO	8.911.818,369	721.658,439	174,262	291°58'22"	231°57'43"	98,65	3,83
C023	CERCA	8.911.815,472	721.657,554	174,630	290°12'56"	230°12'17"	98,43	4,20
C024	CERCA	8.911.821,257	721.660,015	174,355	293°52'38"	233°51'59"	98,32	3,93
C025	CERCA	8.911.828,705	721.638,528	174,746	292°59'02"	232°58'23"	121,00	4,32
C026	CERCA	8.911.821,220	721.640,925	174,990	290°02'31"	230°01'52"	116,02	4,56
C027	CERCA	8.911.823,134	721.634,183	175,093	289°48'11"	229°47'32"	123,01	4,66

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Nome	Descrição	Norte	Este	Cota
TRP002	EST	8.911.781,459	721.749,920	170,430

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E012	EIXO	8.911.825,152	721.639,659	174,774	291°37'01"	231°36'22"	118,60	4,34
E013	EIXO	8.911.834,457	721.613,636	176,323	291°15'00"	231°14'21"	146,23	5,89
C028	CERCA	8.911.831,148	721.612,441	177,408	289°52'17"	229°51'38"	146,18	6,98
C029	CERCA	8.911.837,409	721.614,741	176,840	292°29'04"	232°28'25"	146,30	6,41
F004	CASA	8.911.842,528	721.603,334	177,513	292°37'01"	232°36'22"	158,80	7,08
D006	POSTE	8.911.834,592	721.603,989	177,919	290°00'23"	229°59'44"	155,30	7,49
E014	CERCA	8.911.841,961	721.591,258	178,121	290°52'23"	230°51'44"	169,81	7,69
C030	CERCA	8.911.845,128	721.592,189	178,388	291°58'54"	231°58'15"	170,10	7,96
C031	CERCA	8.911.839,069	721.590,184	178,660	289°49'56"	229°49'17"	169,81	8,23
C032	CERCA	8.911.847,692	721.567,540	179,515	289°57'32"	229°56'53"	194,03	9,08
C033	CERCA	8.911.852,811	721.569,396	179,666	291°33'59"	231°33'20"	194,11	9,24
E015	EIXO	8.911.850,416	721.568,430	179,519	290°48'15"	230°47'36"	194,15	9,09

Nome	Descrição	Norte	Este	Cota
TP002	EST	8.911.763,840	721.614,671	179,806

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E016	EIXO	8.911.798,183	721.628,409	177,548	21°48'11"	299°13'31"	36,99	-2,26
C034	CERCA	8.911.797,049	721.630,838	177,745	25°57'32"	303°22'52"	36,94	-2,06
C035	CERCA	8.911.798,768	721.625,841	177,970	17°44'06"	295°09'26"	36,67	-1,84
D007	POSTE	8.911.784,543	721.625,994	178,846	28°40'31"	306°05'51"	23,60	-0,96
F005	CASA	8.911.784,867	721.613,159	179,400	355°53'18"	273°18'38"	21,08	-0,41
C036	CERCA	8.911.775,013	721.618,441	179,397	18°38'40"	296°04'00"	11,79	-0,41
C037	CERCA	8.911.773,475	721.622,046	179,495	37°25'48"	314°51'08"	12,13	-0,31
E017	EIXO	8.911.774,473	721.620,096	179,266	27°01'47"	304°27'07"	11,94	-0,54
E018	EIXO	8.911.748,450	721.609,496	180,115	198°35'02"	116°00'22"	16,24	0,31
C038	CERCA	8.911.747,584	721.611,600	180,018	190°41'53"	108°07'13"	16,54	0,21
C039	CERCA	8.911.749,044	721.607,269	180,281	206°34'35"	123°59'55"	16,54	0,48
F006	CASA	8.911.736,732	721.615,314	179,815	178°38'29"	96°03'49"	27,11	0,01
F007	CASA	8.911.723,564	721.589,074	181,983	212°26'14"	129°51'34"	47,72	2,18
C040	CERCA	8.911.725,672	721.596,573	181,307	205°22'07"	122°47'27"	42,24	1,50
C041	CERCA	8.911.723,656	721.600,073	181,347	199°57'56"	117°23'16"	42,75	1,54
D009	POSTE	8.911.711,895	721.594,419	182,101	201°17'58"	118°43'18"	55,75	2,30
E019	EIXO	8.911.697,990	721.585,653	182,923	203°46'52"	121°12'12"	71,96	3,12
C042	CERCA	8.911.698,941	721.583,880	183,100	205°22'55"	122°48'15"	71,83	3,29
C043	CERCA	8.911.697,104	721.587,698	182,907	202°00'27"	119°25'47"	71,98	3,10
F008	CASA	8.911.690,343	721.573,894	183,798	209°01'20"	126°26'40"	84,05	3,99
D010	POSTE	8.911.675,687	721.577,716	183,470	202°44'38"	120°09'58"	95,59	3,66
E021	EIXO	8.911.673,266	721.574,133	183,551	204°06'42"	121°32'02"	99,23	3,75
C044	CERCA	8.911.673,874	721.572,567	183,639	205°04'46"	122°30'06"	99,33	3,83
C045	CERCA	8.911.671,260	721.575,570	183,601	202°53'48"	120°19'08"	100,50	3,80
F009	CASA	8.911.627,264	721.575,386	183,857	196°02'51"	113°28'11"	142,11	4,05
D011	POSTE	8.911.639,261	721.560,353	184,531	203°33'28"	120°58'48"	135,91	4,73
C046	CERCA	8.911.652,481	721.561,658	184,277	205°27'26"	122°52'46"	123,33	4,47
C047	CERCA	8.911.650,870	721.565,833	184,266	203°22'46"	120°48'06"	123,07	4,46

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Nome	Descrição	Norte	Este	Cota
TP002	EST	8.911.763,840	721.614,671	179,806

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E022	EIXO	8.911.651,624	721.563,697	184,190	204°25'47"	121°51'07"	123,25	4,38
E023	EIXO	8.911.624,780	721.550,901	184,650	204°38'06"	122°03'26"	152,98	4,84
C048	CERCA	8.911.623,826	721.552,952	184,507	203°47'17"	121°12'37"	153,01	4,70
C049	CERCA	8.911.625,495	721.548,637	184,797	205°30'57"	122°56'17"	153,30	4,99
C050	CERCA	8.911.603,233	721.543,392	184,515	203°55'56"	121°21'16"	175,71	4,71
C051	CERCA	8.911.605,618	721.539,287	184,613	205°28'31"	122°53'51"	175,26	4,81
E024	EIXO	8.911.604,266	721.540,960	184,458	204°47'36"	122°12'56"	175,78	4,65

Nome	Descrição	Norte	Este	Cota
TP003	EST	8.911.616,544	721.545,886	184,736

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F010	CASA	8.911.596,297	721.565,889	183,531	135°20'54"	110°19'00"	28,46	-1,21
C052	CERCA	8.911.588,308	721.536,225	183,667	198°53'18"	173°51'24"	29,84	-1,07
C053	CERCA	8.911.590,309	721.531,451	183,972	208°49'18"	183°47'24"	29,94	-0,76
E025	EIXO	8.911.589,258	721.533,767	183,693	203°56'59"	178°55'05"	29,86	-1,04
E026	EIXO	8.911.571,312	721.525,835	182,463	203°54'28"	178°52'34"	49,48	-2,27
C054	CERCA	8.911.572,276	721.523,007	182,908	207°19'55"	182°18'01"	49,83	-1,83
C055	CERCA	8.911.570,821	721.528,204	182,669	201°08'33"	176°06'39"	49,02	-2,07
C056	CERCA	8.911.544,626	721.520,633	180,699	199°20'53"	174°18'59"	76,22	-4,04
C057	CERCA	8.911.544,516	721.526,579	180,722	195°00'19"	169°58'25"	74,57	-4,01
E027	EIXO	8.911.544,587	721.522,685	180,587	197°52'15"	172°50'21"	75,61	-4,15

Nome	Descrição	Norte	Este	Cota
TP004	EST	8.911.395,747	721.474,338	170,763

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C058	CERCA	8.911.515,104	721.523,823	177,444	22°31'07"	4°33'51"	129,21	6,68
C059	CERCA	8.911.514,977	721.518,587	177,534	20°21'39"	2°24'23"	127,18	6,77
E028	EIXO	8.911.514,959	721.521,508	177,256	21°35'16"	3°38'00"	128,21	6,49
E029	EIXO	8.911.487,199	721.519,647	174,514	26°21'21"	8°24'05"	102,06	3,75
C060	CERCA	8.911.487,563	721.516,489	174,870	24°39'32"	6°42'16"	101,03	4,11
C061	CERCA	8.911.487,445	721.521,672	175,020	27°18'08"	9°20'52"	103,19	4,26
C062	CERCA	8.911.460,195	721.520,062	172,613	35°21'15"	17°23'59"	79,02	1,85
C063	CERCA	8.911.460,823	721.514,570	172,417	31°43'32"	13°46'16"	76,51	1,65
E030	EIXO	8.911.460,753	721.517,461	172,248	33°33'32"	15°36'16"	78,01	1,48
E031	EIXO	8.911.432,514	721.514,474	171,264	47°30'30"	29°33'14"	54,43	0,50
C064	CERCA	8.911.432,690	721.512,435	171,304	45°52'51"	27°55'35"	53,07	0,54
C065	CERCA	8.911.432,333	721.517,286	171,384	49°34'26"	31°37'09"	56,42	0,62
C066	CERCA	8.911.411,240	721.510,872	170,979	67°01'12"	49°03'55"	39,68	0,22
C067	CERCA	8.911.410,641	721.515,626	171,324	70°09'51"	52°12'34"	43,89	0,56
E032	EIXO	8.911.410,701	721.512,775	170,983	68°44'31"	50°47'14"	41,24	0,22
E033	EIXO	8.911.384,380	721.511,541	171,267	106°59'25"	89°02'08"	38,90	0,50
C068	CERCA	8.911.382,404	721.510,859	171,385	110°04'13"	92°06'56"	38,88	0,62
C069	CERCA	8.911.388,729	721.514,397	171,322	99°56'17"	81°59'00"	40,67	0,56

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C070	CERCA	8.911.385,299	721.518,427	171,549	103°19'58"	85°22'41"	45,31	0,79
C071	CERCA	8.911.390,577	721.509,236	171,083	98°25'40"	80°28'23"	35,28	0,32
C072	CERCA	8.911.387,673	721.506,986	171,247	103°53'29"	85°56'12"	33,63	0,48
C073	CERCA	8.911.378,799	721.545,677	172,397	103°21'53"	85°24'36"	73,32	1,63
C074	CERCA	8.911.373,642	721.545,146	172,312	107°20'17"	89°23'00"	74,18	1,55
E034	EIXO	8.911.376,241	721.545,531	172,201	105°19'21"	87°22'04"	73,82	1,44
E035	EIXO	8.911.368,484	721.576,133	172,592	104°59'37"	87°02'20"	105,38	1,83
C075	CERCA	8.911.366,407	721.576,020	172,795	106°05'44"	88°08'27"	105,83	2,03
C076	CERCA	8.911.370,986	721.577,598	172,804	103°29'05"	85°31'48"	106,19	2,04
F011	CASA	8.911.359,122	721.544,226	172,554	117°39'25"	99°42'08"	78,90	1,79
C077	CERCA	8.911.389,528	721.481,383	170,920	131°26'25"	113°29'08"	9,40	0,16
C078	CERCA	8.911.393,636	721.482,823	170,817	103°58'26"	86°01'09"	8,74	0,05
E036	EIXO	8.911.391,506	721.482,275	170,659	118°07'10"	100°09'53"	9,00	-0,10
E037	EIXO	8.911.398,542	721.453,938	170,168	277°48'04"	259°50'47"	20,59	-0,60
C079	CERCA	8.911.400,720	721.454,479	170,234	284°03'29"	266°06'12"	20,47	-0,53
C080	CERCA	8.911.396,330	721.453,271	170,440	271°35'07"	253°37'50"	21,07	-0,32
C081	CERCA	8.911.407,942	721.425,255	169,387	283°57'12"	265°59'55"	50,58	-1,38
C082	CERCA	8.911.403,523	721.424,006	169,597	278°46'55"	260°49'38"	50,93	-1,17
E038	EIXO	8.911.406,074	721.424,725	169,279	281°45'27"	263°48'10"	50,68	-1,48
E039	EIXO	8.911.413,501	721.394,028	168,714	282°27'57"	264°30'40"	82,25	-2,05
C083	CERCA	8.911.415,594	721.394,602	168,880	283°58'37"	266°01'20"	82,17	-1,88
C084	CERCA	8.911.410,968	721.393,558	168,849	280°40'14"	262°42'57"	82,20	-1,91
C085	CERCA	8.911.423,479	721.362,705	168,427	283°57'03"	265°59'46"	115,03	-2,34
C086	CERCA	8.911.418,776	721.360,491	168,301	281°26'08"	263°28'51"	116,15	-2,46
E040	EIXO	8.911.421,582	721.361,423	168,189	282°53'14"	264°55'57"	115,83	-2,57
E041	EIXO	8.911.427,518	721.331,604	167,566	282°32'56"	264°35'39"	146,23	-3,20
C087	CERCA	8.911.430,128	721.332,072	168,050	283°35'10"	265°37'53"	146,36	-2,71
C088	CERCA	8.911.425,296	721.330,948	167,898	281°38'39"	263°41'22"	146,40	-2,86
C089	CERCA	8.911.432,309	721.300,585	167,507	281°52'58"	263°55'42"	177,56	-3,26
C090	CERCA	8.911.436,798	721.301,762	167,759	283°22'49"	265°25'33"	177,39	-3,00
E042	EIXO	8.911.434,439	721.301,187	167,211	282°35'46"	264°38'30"	177,42	-3,55
E043	EIXO	8.911.441,262	721.270,295	167,143	282°34'29"	264°37'13"	209,06	-3,62
C091	CERCA	8.911.443,837	721.270,623	167,113	283°16'56"	265°19'40"	209,31	-3,65
C092	CERCA	8.911.439,062	721.269,441	167,361	281°56'11"	263°58'55"	209,43	-3,40
C093	CERCA	8.911.445,965	721.239,314	168,125	282°03'39"	264°06'23"	240,33	-2,64
C094	CERCA	8.911.450,575	721.240,473	168,256	283°11'39"	265°14'23"	240,21	-2,51
E044	EIXO	8.911.448,300	721.239,326	168,002	282°36'17"	264°39'01"	240,82	-2,76
E045	EIXO	8.911.454,400	721.211,269	168,848	282°34'07"	264°36'51"	269,53	-1,91
C095	CERCA	8.911.457,075	721.211,987	169,023	283°09'26"	265°12'10"	269,42	-1,74
C096	CERCA	8.911.452,222	721.210,744	169,022	282°05'33"	264°08'17"	269,58	-1,74
C097	CERCA	8.911.463,943	721.181,064	170,371	283°05'25"	265°08'09"	301,10	-0,39
C098	CERCA	8.911.458,653	721.180,829	170,073	282°05'48"	264°08'32"	300,17	-0,69
E046	EIXO	8.911.461,007	721.181,271	169,948	282°33'13"	264°35'57"	300,24	-0,82

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Nome	Descrição	Norte	Este	Cota
TP005	EST	8.911.524,891	721.119,516	176,416

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
AV001	ARVORE	8.911.454,755	721.174,467	170,405	141°55'17"	31°55'17"	89,10	-6,01
D013	POSTE	8.911.446,615	721.172,114	170,518	146°06'02"	36°06'02"	94,31	-5,90
C099	CERCA	8.911.432,867	721.175,214	169,995	148°48'55"	38°48'55"	107,57	-6,42
C100	CERCA	8.911.431,338	721.172,438	169,977	150°30'13"	40°30'13"	107,48	-6,44
C101	CERCA	8.911.437,095	721.168,097	170,396	151°02'33"	41°02'33"	100,34	-6,02
C102	CERCA	8.911.429,936	721.166,759	170,298	153°32'54"	43°32'54"	106,06	-6,12
E047	EIXO	8.911.437,579	721.171,371	170,014	149°17'38"	39°17'38"	101,55	-6,40
E048	EIXO	8.911.409,779	721.162,451	170,031	159°32'43"	49°32'43"	122,86	-6,38
C103	CERCA	8.911.409,191	721.164,196	170,095	158°53'06"	48°53'06"	124,03	-6,32
C104	CERCA	8.911.410,679	721.160,465	170,266	160°16'32"	50°16'32"	121,33	-6,15
C105	CERCA	8.911.383,545	721.154,900	170,091	165°56'44"	55°56'45"	145,71	-6,33
C106	CERCA	8.911.384,586	721.151,022	170,109	167°20'38"	57°20'39"	143,80	-6,31
E049	EIXO	8.911.383,399	721.152,934	170,040	166°42'40"	56°42'41"	145,38	-6,38
E050	EIXO	8.911.362,178	721.145,489	169,149	170°55'51"	60°55'52"	164,77	-7,27
C107	CERCA	8.911.361,234	721.146,896	169,071	170°30'09"	60°30'10"	165,93	-7,35
C108	CERCA	8.911.363,287	721.143,493	169,500	171°33'39"	61°33'40"	163,37	-6,92
C109	CERCA	8.911.343,213	721.140,161	168,609	173°31'01"	63°31'02"	182,85	-7,81
C110	CERCA	8.911.344,572	721.136,498	168,736	174°37'12"	64°37'13"	181,12	-7,68
E051	EIXO	8.911.344,110	721.138,424	168,660	174°01'45"	64°01'46"	181,77	-7,76
F012	CASA	8.911.318,072	721.111,082	167,643	182°20'07"	72°20'08"	206,99	-8,77
D014	POSTE	8.911.318,382	721.124,465	167,172	178°37'38"	68°37'39"	206,57	-9,24
C111	CERCA	8.911.464,322	721.156,175	171,414	148°48'58"	38°48'58"	70,80	-5,00
C112	CERCA	8.911.469,168	721.159,070	171,261	144°37'53"	34°37'53"	68,33	-5,16
E052	EIXO	8.911.466,395	721.158,611	171,161	146°14'37"	36°14'37"	70,36	-5,25
E053	EIXO	8.911.488,472	721.140,940	173,127	149°32'00"	39°32'00"	42,25	-3,29
C113	CERCA	8.911.485,512	721.138,343	173,328	154°26'52"	44°26'52"	43,65	-3,09
C114	CERCA	8.911.489,928	721.142,847	173,388	146°17'06"	36°17'06"	42,03	-3,03
C115	CERCA	8.911.505,771	721.131,144	174,844	148°41'41"	38°41'41"	22,38	-1,57
C116	CERCA	8.911.501,000	721.125,020	174,788	167°01'37"	57°01'37"	24,52	-1,63
E054	EIXO	8.911.504,294	721.128,719	174,589	155°55'27"	45°55'27"	22,56	-1,83
E055	EIXO	8.911.520,024	721.116,341	175,937	213°06'51"	103°06'51"	5,81	-0,48
C117	CERCA	8.911.515,727	721.112,663	176,123	216°47'17"	106°47'17"	11,44	-0,29
C118	CERCA	8.911.522,118	721.118,691	176,165	196°34'18"	86°34'18"	2,89	-0,25
C119	CERCA	8.911.530,454	721.122,439	176,649	27°43'11"	277°43'11"	6,28	0,23
F013	CASA	8.911.533,376	721.119,490	177,117	359°49'32"	249°49'32"	8,49	0,70
F014	CASA	8.911.522,950	721.102,880	176,918	263°20'47"	153°20'47"	16,75	0,50
D015	POSTE	8.911.537,956	721.106,742	177,365	315°38'45"	205°38'45"	18,27	0,95
C120	CERCA	8.911.542,514	721.109,789	177,461	331°06'09"	221°06'09"	20,13	1,04
C121	CERCA	8.911.530,922	721.101,474	177,423	288°29'01"	178°29'01"	19,02	1,01
E056	EIXO	8.911.535,866	721.104,692	177,482	306°30'54"	196°30'54"	18,45	1,07
E057	EIXO	8.911.550,675	721.087,763	179,165	309°04'41"	199°04'41"	40,90	2,75
C122	CERCA	8.911.552,839	721.089,419	179,500	312°52'47"	202°52'47"	41,07	3,08
C123	CERCA	8.911.546,249	721.085,060	179,444	301°47'36"	191°47'36"	40,54	3,03
D016	POSTE	8.911.561,243	721.071,868	181,146	307°20'28"	197°20'28"	59,93	4,73
C124	CERCA	8.911.565,552	721.066,825	181,855	307°39'25"	197°39'25"	66,56	5,44

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Nome	Descrição	Norte	Este	Cota
TP005	EST	8.911.524,891	721.119,516	176,416

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C125	CERCA	8.911.559,958	721.063,374	181,782	301°59'22"	191°59'22"	66,19	5,37
E058	EIXO	8.911.563,106	721.065,168	181,565	305°06'48"	195°06'48"	66,44	5,15
E059	EIXO	8.911.577,745	721.040,875	183,932	303°54'18"	193°54'18"	94,75	7,52
C126	CERCA	8.911.580,094	721.042,841	184,746	305°45'09"	195°45'09"	94,48	8,33
C127	CERCA	8.911.574,544	721.038,610	184,433	301°32'18"	191°32'18"	94,93	8,02
F015	CASA	8.911.587,033	721.036,749	184,905	306°53'58"	196°53'58"	103,50	8,49
D017	POSTE	8.911.583,012	721.038,762	184,644	305°44'38"	195°44'38"	99,50	8,23

Nome	Descrição	Norte	Este	Cota
TP006	EST	8.911.596,787	721.023,432	186,506

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C129	CERCA	8.911.589,902	721.034,469	184,825	121°57'21"	355°08'58"	13,01	-1,68
C130	CERCA	8.911.599,966	721.041,482	184,931	80°00'45"	313°12'22"	18,33	-1,58
C131	CERCA	8.911.602,350	721.036,501	185,572	66°56'27"	300°08'04"	14,20	-0,93
C132	CERCA	8.911.619,826	721.054,068	185,255	53°03'24"	286°15'01"	38,33	-1,25
C133	CERCA	8.911.622,059	721.050,840	185,492	47°19'20"	280°30'57"	37,28	-1,01
E060	EIXO	8.911.620,576	721.052,825	184,242	51°00'58"	284°12'35"	37,81	-2,26
E061	EIXO	8.911.601,037	721.039,542	185,130	75°13'18"	308°24'55"	16,66	-1,38
E062	EIXO	8.911.589,022	721.024,883	185,470	169°24'58"	42°36'35"	7,90	-1,04
C134	CERCA	8.911.584,235	721.024,235	185,604	176°20'22"	49°31'59"	12,58	-0,90
C135	CERCA	8.911.589,626	721.014,564	186,242	231°04'41"	104°16'18"	11,40	-0,26
E063	EIXO	8.911.591,488	721.013,599	186,278	241°40'54"	114°52'31"	11,17	-0,23
E064	EIXO	8.911.607,504	721.019,414	187,229	339°26'53"	212°38'30"	11,45	0,72
F016	CASA	8.911.621,290	721.000,660	188,911	317°05'48"	190°17'25"	33,45	2,41
E065	EIXO	8.911.627,084	720.998,674	189,104	320°44'44"	193°56'21"	39,13	2,60
C136	CERCA	8.911.628,697	720.999,799	189,216	323°28'33"	196°40'10"	39,71	2,71
C137	CERCA	8.911.638,852	720.993,585	189,924	324°38'32"	197°50'09"	51,58	3,42
C138	CERCA	8.911.645,026	720.989,734	190,269	325°03'47"	198°15'24"	58,84	3,76
E066	EIXO	8.911.639,387	720.990,568	189,974	322°21'07"	195°32'44"	53,80	3,47
E067	EIXO	8.911.644,080	720.991,954	189,946	326°21'07"	199°32'44"	56,81	3,44
E068	EIXO	8.911.668,460	720.987,631	190,843	333°27'28"	206°39'05"	80,12	4,34
E069	EIXO	8.911.693,938	720.973,750	192,022	332°54'55"	206°06'32"	109,12	5,52
E070	EIXO	8.911.719,616	720.959,972	193,407	332°40'36"	205°52'13"	138,25	6,90
D018	POSTE	8.911.725,671	720.961,532	193,592	334°20'46"	207°32'23"	142,98	7,09

Nome	Descrição	Norte	Este	Cota
TP088	EST	8.912.031,839	720.226,606	197,071

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F202	CASA	8.912.013,000	720.277,073	199,618	110°28'13"	17°22'44"	53,87	2,55
C405	CERCA	8.912.039,740	720.225,176	196,792	349°44'28"	256°38'58"	8,03	-0,28
C406	CERCA	8.912.033,251	720.221,908	196,978	286°43'35"	193°38'05"	4,91	-0,09
E216	EIXO	8.912.035,941	720.223,430	196,662	322°14'59"	229°09'29"	5,19	-0,41
E217	EIXO	8.912.046,255	720.205,026	195,917	303°44'44"	210°39'14"	25,95	-1,15

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Nome	Descrição	Norte	Este	Cota
TP088	EST	8.912.031,839	720.226,606	197,071

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C407	CERCA	8.912.049,647	720.207,612	196,162	313°09'17"	220°03'47"	26,04	-0,91
C408	CERCA	8.912.042,503	720.200,444	196,455	292°10'35"	199°05'05"	28,25	-0,62
C409	CERCA	8.912.040,603	720.205,124	196,400	292°11'37"	199°06'07"	23,20	-0,67
C410	CERCA	8.912.027,097	720.193,144	197,487	261°56'08"	168°50'38"	33,80	0,42
C411	CERCA	8.912.026,311	720.196,475	197,610	259°36'16"	166°30'46"	30,63	0,54
E218	EIXO	8.912.026,780	720.194,741	197,442	260°58'45"	167°53'15"	32,26	0,37
E219	EIXO	8.911.985,383	720.180,683	200,768	224°40'10"	131°34'41"	65,32	3,70
C412	CERCA	8.911.988,213	720.179,920	200,686	226°56'27"	133°50'58"	63,90	3,62
C413	CERCA	8.911.981,972	720.184,405	201,110	220°14'27"	127°08'58"	65,33	4,04
C414	CERCA	8.911.983,816	720.158,061	201,083	234°59'06"	141°53'37"	83,69	4,01
C415	CERCA	8.911.987,494	720.158,123	200,845	237°04'35"	143°59'06"	81,59	3,77
E220	EIXO	8.911.985,820	720.158,057	200,865	236°07'33"	143°02'04"	82,56	3,79
F203	CASA	8.911.948,121	720.158,204	202,342	219°15'03"	126°09'34"	108,11	5,27

Nome	Descrição	Norte	Este	Cota
TP045	EST	8.912.138,916	720.099,634	188,481

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C416	CERCA	8.912.059,818	720.182,434	194,987	133°41'25"	3°32'56"	114,51	6,51
C417	CERCA	8.912.065,744	720.187,353	194,769	129°50'01"	359°41'32"	114,23	6,29
E221	EIXO	8.912.062,412	720.184,414	194,641	132°03'45"	1°55'16"	114,20	6,16
E222	EIXO	8.912.082,456	720.162,334	192,914	132°00'08"	1°51'39"	84,37	4,43
C418	CERCA	8.912.080,769	720.159,648	193,452	134°05'42"	3°57'13"	83,56	4,97
C419	CERCA	8.912.086,008	720.164,198	193,047	129°20'02"	359°11'33"	83,47	4,57
C420	CERCA	8.912.105,682	720.143,653	191,650	127°03'10"	356°54'41"	55,16	3,17
C421	CERCA	8.912.101,048	720.138,432	192,087	134°18'19"	4°09'50"	54,22	3,61
E223	EIXO	8.912.103,118	720.141,420	191,198	130°35'14"	0°26'45"	55,02	2,72
E224	EIXO	8.912.115,596	720.128,192	190,336	129°14'06"	359°05'37"	36,87	1,86
C422	CERCA	8.912.118,158	720.130,462	190,659	123°57'15"	353°48'46"	37,17	2,18
C423	CERCA	8.912.113,320	720.125,716	191,112	134°27'42"	4°19'13"	36,54	2,63
C424	CERCA	8.912.129,713	720.103,247	189,643	158°34'00"	28°25'31"	9,89	1,16
C425	CERCA	8.912.135,763	720.107,699	189,090	111°21'30"	341°13'01"	8,66	0,61
E225	EIXO	8.912.132,350	720.104,907	188,999	141°14'19"	11°05'50"	8,42	0,52
E226	EIXO	8.912.147,422	720.082,027	187,168	295°47'06"	165°38'37"	19,55	-1,31
C426	CERCA	8.912.144,809	720.080,351	187,968	286°59'32"	156°51'03"	20,16	-0,51
C427	CERCA	8.912.150,644	720.084,272	187,327	307°21'29"	177°13'00"	19,33	-1,15
D054	POSTE	8.912.154,718	720.065,353	186,303	294°44'50"	164°36'21"	37,75	-2,18
C428	CERCA	8.912.164,311	720.050,025	184,784	297°06'27"	166°57'58"	55,73	-3,70
C429	CERCA	8.912.170,431	720.054,308	184,414	304°48'38"	174°40'09"	55,21	-4,07
E227	EIXO	8.912.167,088	720.051,687	184,315	300°26'13"	170°17'44"	55,61	-4,17
E228	EIXO	8.912.182,421	720.030,539	182,604	302°11'45"	172°03'16"	81,65	-5,88
C430	CERCA	8.912.178,560	720.027,416	182,979	298°45'52"	168°37'23"	82,38	-5,50
C431	CERCA	8.912.185,671	720.032,504	182,613	304°51'23"	174°42'54"	81,81	-5,87
C432	CERCA	8.912.200,173	719.998,860	180,775	301°17'37"	171°09'08"	117,93	-7,71
C433	CERCA	8.912.206,245	720.003,619	180,913	305°02'22"	174°53'53"	117,27	-7,57

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Nome	Descrição	Norte	Este	Cota
TP045	EST	8.912.138,916	720.099,634	188,481

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E229	EIXO	8.912.202,668	720.001,365	180,699	302°58'25"	172°49'56"	117,14	-7,78
E230	EIXO	8.912.218,961	719.978,528	178,988	303°27'45"	173°19'16"	145,17	-9,49
C434	CERCA	8.912.222,654	719.981,076	179,031	305°14'01"	175°05'32"	145,15	-9,45
C435	CERCA	8.912.216,887	719.976,287	179,086	302°17'53"	172°09'24"	145,92	-9,39
D055	POSTE	8.912.224,125	719.966,108	179,034	302°32'37"	172°24'08"	158,40	-9,45
C436	CERCA	8.912.234,020	719.953,215	177,827	303°00'18"	172°51'49"	174,59	-10,65
C437	CERCA	8.912.239,514	719.958,116	177,697	305°24'25"	175°15'56"	173,63	-10,78
E231	EIXO	8.912.235,797	719.955,644	177,833	303°56'01"	173°47'32"	173,55	-10,65
F204	CASA	8.912.250,925	719.971,720	177,363	311°12'26"	181°03'57"	170,02	-11,12
F205	CASA	8.912.267,697	719.931,538	175,806	307°27'22"	177°18'53"	211,76	-12,67
C438	CERCA	8.912.260,494	719.929,716	176,104	305°35'03"	175°26'34"	208,93	-12,38
C439	CERCA	8.912.254,361	719.924,679	176,497	303°25'08"	173°16'39"	209,61	-11,98
E232	EIXO	8.912.256,703	719.926,602	176,137	304°14'38"	174°06'09"	209,32	-12,34
E233	EIXO	8.912.275,225	719.900,453	174,846	304°23'08"	174°14'39"	241,36	-13,63
C440	CERCA	8.912.272,613	719.897,954	175,167	303°32'28"	173°23'59"	241,97	-13,31
C441	CERCA	8.912.276,786	719.903,274	174,993	305°04'25"	174°55'56"	239,93	-13,49
C442	CERCA	8.912.285,875	719.878,392	174,343	303°35'38"	173°27'09"	265,60	-14,14
C443	CERCA	8.912.280,737	719.877,721	174,486	302°34'55"	172°26'26"	263,36	-13,99
E234	EIXO	8.912.283,581	719.878,352	174,218	303°10'30"	173°02'01"	264,37	-14,26
E235	EIXO	8.912.293,163	719.850,720	173,638	301°47'08"	171°38'39"	292,83	-14,84
C444	CERCA	8.912.295,745	719.851,842	173,792	302°19'48"	172°11'19"	293,25	-14,69
C445	CERCA	8.912.290,504	719.849,607	173,912	301°13'40"	171°05'11"	292,39	-14,57
C446	CERCA	8.912.301,871	719.815,887	173,492	299°52'07"	169°43'38"	327,21	-14,99
C447	CERCA	8.912.308,690	719.818,339	173,213	301°06'46"	170°58'17"	328,56	-15,27
E236	EIXO	8.912.304,313	719.816,447	173,182	300°17'14"	170°08'45"	327,95	-15,30
C448	CERCA	8.912.283,567	719.809,034	174,424	296°27'45"	166°19'16"	324,61	-14,06
F206	CASA	8.912.288,498	719.797,610	173,746	296°20'51"	166°12'22"	337,04	-14,73
F207	CASA	8.912.296,067	719.778,432	173,389	296°04'14"	165°55'45"	357,58	-15,09
D057	POSTE	8.912.299,688	719.787,618	173,842	297°15'38"	167°07'09"	351,00	-14,64
C449	CERCA	8.912.301,415	719.771,717	173,896	296°21'38"	166°13'09"	365,97	-14,58
C450	CERCA	8.912.315,741	719.777,987	173,217	298°47'59"	168°39'30"	367,05	-15,26
C451	CERCA	8.912.322,480	719.781,447	173,131	299°58'51"	169°50'22"	367,34	-15,35
E237	EIXO	8.912.318,959	719.779,112	172,901	299°19'25"	169°10'56"	367,63	-15,58
D058	POSTE	8.912.320,591	719.768,390	173,020	298°44'35"	168°36'06"	377,79	-15,46
C452	CERCA	8.912.328,869	719.751,068	172,508	298°35'18"	168°26'49"	396,96	-15,97
C453	CERCA	8.912.335,393	719.754,563	172,386	299°39'23"	169°30'54"	397,09	-16,09
E238	EIXO	8.912.332,046	719.752,419	172,274	299°05'02"	168°56'33"	397,31	-16,21
F208	CASA	8.912.319,177	719.735,056	172,598	296°18'34"	166°10'05"	406,71	-15,88
E239	EIXO	8.912.344,709	719.726,306	172,006	298°51'55"	168°43'26"	426,29	-16,47
C454	CERCA	8.912.348,169	719.727,934	171,895	299°22'40"	169°14'11"	426,55	-16,59
C455	CERCA	8.912.341,162	719.724,067	171,994	298°18'10"	168°09'41"	426,56	-16,49
C456	CERCA	8.912.351,070	719.673,365	171,937	296°27'34"	166°19'05"	476,14	-16,54
E240	EIXO	8.912.351,656	719.674,828	171,877	296°36'05"	166°27'36"	475,10	-16,60
E241	EIXO	8.912.345,724	719.650,381	170,781	294°43'06"	164°34'37"	494,57	-17,70
C457	CERCA	8.912.343,971	719.650,492	170,940	294°32'20"	164°23'51"	493,74	-17,54

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Nome	Descrição	Norte	Este	Cota
TP045	EST	8.912.138,916	720.099,634	188,481

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C458	CERCA	8.912.348,232	719.655,844	170,778	295°15'04"	165°06'35"	490,68	-17,70
C459	CERCA	8.912.377,811	719.666,491	170,977	298°52'42"	168°44'13"	494,66	-17,50
E242	EIXO	8.912.376,807	719.662,379	170,852	298°32'55"	168°24'26"	497,78	-17,63
E243	EIXO	8.912.388,443	719.636,477	171,218	298°18'49"	168°10'20"	526,10	-17,26
C461	CERCA	8.912.391,526	719.637,930	170,991	298°41'03"	168°32'34"	526,29	-17,49
C462	CERCA	8.912.385,621	719.634,650	171,523	297°56'56"	167°48'27"	526,38	-16,96
C463	CERCA	8.912.404,238	719.611,536	171,181	298°31'40"	168°23'11"	555,55	-17,30
C464	CERCA	8.912.398,474	719.608,956	171,844	297°52'40"	167°44'11"	555,10	-16,64
E244	EIXO	8.912.401,498	719.610,355	171,119	298°13'16"	168°04'47"	555,29	-17,36
E245	EIXO	8.912.413,763	719.584,290	171,547	298°04'20"	167°55'51"	584,06	-16,93
C465	CERCA	8.912.416,433	719.585,902	171,702	298°22'40"	168°14'11"	583,90	-16,78
C466	CERCA	8.912.410,979	719.583,390	172,303	297°47'22"	167°38'53"	583,55	-16,18
C467	CERCA	8.912.428,322	719.561,143	172,428	298°15'19"	168°06'50"	611,33	-16,05
C468	CERCA	8.912.423,177	719.558,491	172,602	297°42'46"	167°34'17"	611,26	-15,88
E246	EIXO	8.912.426,072	719.559,870	172,344	298°00'47"	167°52'18"	611,39	-16,14
D059	POSTE	8.912.435,444	719.531,933	174,045	297°34'46"	167°26'17"	640,48	-14,44
F209	CASA	8.912.432,442	719.520,952	174,438	296°53'44"	166°45'15"	648,87	-14,04
AV011	ARVORE	8.912.441,563	719.519,252	174,132	297°32'25"	167°23'56"	654,55	-14,35
C469	CERCA	8.912.430,516	719.529,791	174,242	297°05'59"	166°57'30"	640,12	-14,24
C470	CERCA	8.912.439,400	719.536,641	174,264	298°05'24"	167°56'55"	638,16	-14,22
C471	CERCA	8.912.435,519	719.531,890	174,065	297°35'01"	167°26'32"	640,55	-14,42
E247	EIXO	8.912.438,130	719.532,785	173,630	297°49'39"	167°41'10"	640,97	-14,85
C472	CERCA	8.912.439,098	719.510,170	174,425	296°59'14"	166°50'45"	661,50	-14,06
C473	CERCA	8.912.451,215	719.513,685	174,617	298°03'24"	167°54'55"	663,98	-13,86
C474	CERCA	8.912.454,344	719.518,890	174,474	298°30'30"	168°22'01"	660,88	-14,01
E248	EIXO	8.912.453,026	719.515,726	174,299	298°16'40"	168°08'11"	663,03	-14,18
E249	EIXO	8.912.474,933	719.499,128	174,530	299°13'46"	169°05'17"	688,12	-13,95
C475	CERCA	8.912.476,750	719.501,554	174,665	299°27'38"	169°19'09"	686,90	-13,82
C476	CERCA	8.912.471,126	719.499,145	174,528	298°57'10"	168°48'41"	686,26	-13,95
C477	CERCA	8.912.494,544	719.479,956	175,126	299°51'04"	169°42'35"	714,47	-13,35
C478	CERCA	8.912.498,223	719.484,767	174,966	300°18'02"	170°09'33"	712,15	-13,51
E250	EIXO	8.912.496,010	719.482,043	174,846	300°02'12"	169°53'43"	713,40	-13,63
E251	EIXO	8.912.512,648	719.469,642	174,993	300°40'40"	170°32'11"	732,51	-13,49
C479	CERCA	8.912.514,297	719.472,543	175,219	300°54'18"	170°45'49"	730,86	-13,26
C480	CERCA	8.912.512,919	719.465,827	175,123	300°32'40"	170°24'11"	735,93	-13,36
C481	CERCA	8.912.534,862	719.456,543	175,467	301°37'13"	171°28'44"	755,21	-13,01
C482	CERCA	8.912.537,058	719.462,839	175,128	302°00'53"	171°52'24"	751,02	-13,35
E252	EIXO	8.912.535,753	719.460,204	175,104	301°49'27"	171°40'58"	752,56	-13,38
F210	CASA	8.912.538,092	719.479,244	174,969	302°45'30"	172°37'01"	737,72	-13,51

Nome	Descrição	Norte	Este	Cota
TP046	EST	8.912.536,741	719.462,780	175,164

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C483	CERCA	8.912.534,584	719.456,626	175,439	250°41'25"	128°41'54"	6,52	0,27

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Nome	Descrição	Norte	Este	Cota
TP046	EST	8.912.536,741	719.462,780	175,164

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E253	EIXO	8.912.535,658	719.459,755	175,185	250°18'16"	128°18'45"	3,21	0,02
E254	EIXO	8.912.561,752	719.449,293	174,734	331°39'56"	209°40'25"	28,42	-0,43
C484	CERCA	8.912.560,773	719.446,414	175,009	325°44'45"	203°45'14"	29,08	-0,15
C485	CERCA	8.912.562,809	719.451,417	174,917	336°26'52"	214°27'21"	28,44	-0,25
C486	CERCA	8.912.587,974	719.440,447	174,123	336°26'53"	214°27'22"	55,89	-1,04
C487	CERCA	8.912.586,060	719.436,106	174,273	331°35'39"	209°36'08"	56,07	-0,89
E255	EIXO	8.912.586,965	719.438,385	174,035	334°05'35"	212°06'04"	55,84	-1,13
E256	EIXO	8.912.611,631	719.427,555	173,239	334°48'35"	212°49'04"	82,76	-1,92
C488	CERCA	8.912.612,611	719.430,108	173,739	336°42'06"	214°42'35"	82,61	-1,43
C489	CERCA	8.912.609,976	719.424,547	173,085	332°25'59"	210°26'28"	82,61	-2,08
D061	POSTE	8.912.624,102	719.417,458	172,611	332°34'50"	210°35'19"	98,42	-2,55
C490	CERCA	8.912.637,287	719.417,195	171,683	335°36'43"	213°37'12"	110,40	-3,48
C491	CERCA	8.912.634,638	719.411,272	171,847	332°14'57"	210°15'26"	110,62	-3,32
E257	EIXO	8.912.636,133	719.414,654	171,639	334°09'50"	212°10'19"	110,43	-3,52

Nome	Descrição	Norte	Este	Cota
TP047	EST	8.912.625,816	719.422,738	172,495

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E258	EIXO	8.912.651,313	719.406,715	170,768	327°51'14"	172°03'33"	30,11	-1,73
C492	CERCA	8.912.654,194	719.408,391	170,955	333°10'47"	177°23'06"	31,80	-1,54
C493	CERCA	8.912.647,052	719.403,632	170,999	318°01'24"	162°13'43"	28,57	-1,50
C494	CERCA	8.912.653,904	719.399,305	170,395	320°09'45"	164°22'04"	36,58	-2,10
C495	CERCA	8.912.651,206	719.373,332	169,139	297°11'58"	141°24'17"	55,55	-3,36
C496	CERCA	8.912.655,139	719.373,878	169,120	300°58'10"	145°10'29"	56,98	-3,38
C497	CERCA	8.912.677,647	719.392,819	169,101	330°00'17"	174°12'36"	59,85	-3,39
C498	CERCA	8.912.673,725	719.385,773	168,870	322°20'51"	166°33'10"	60,51	-3,63
E259	EIXO	8.912.676,142	719.389,814	168,630	326°48'26"	171°00'45"	60,14	-3,86
E260	EIXO	8.912.696,781	719.374,441	167,061	325°45'44"	169°58'03"	85,84	-5,43
C499	CERCA	8.912.698,990	719.378,254	167,227	328°42'15"	172°54'34"	85,63	-5,27
C500	CERCA	8.912.694,722	719.370,870	167,108	323°01'49"	167°14'08"	86,25	-5,39
F211	CASA	8.912.704,684	719.396,071	167,522	341°19'06"	185°31'25"	83,25	-4,97
F212	CASA	8.912.732,376	719.377,602	165,348	337°02'38"	181°14'57"	115,73	-7,15
C501	CERCA	8.912.731,855	719.356,124	164,149	327°51'47"	172°04'06"	125,23	-8,35
C502	CERCA	8.912.727,412	719.348,142	163,840	323°42'45"	167°55'04"	126,04	-8,66
E261	EIXO	8.912.729,269	719.352,073	163,765	325°39'52"	169°52'11"	125,28	-8,73
E262	EIXO	8.912.750,024	719.338,152	161,525	325°44'42"	169°57'01"	150,27	-10,97
C503	CERCA	8.912.748,567	719.334,954	161,727	324°25'48"	168°38'07"	150,91	-10,77
C504	CERCA	8.912.752,177	719.342,482	161,624	327°34'45"	171°47'04"	149,69	-10,87
C505	CERCA	8.912.776,344	719.326,173	158,873	327°19'10"	171°31'29"	178,84	-13,62
C506	CERCA	8.912.772,184	719.319,179	158,950	324°43'11"	168°55'30"	179,30	-13,54
E263	EIXO	8.912.774,063	719.322,422	158,621	325°54'53"	170°07'12"	179,00	-13,87
E264	EIXO	8.912.799,009	719.305,751	156,308	325°57'44"	170°10'03"	209,00	-16,19
C507	CERCA	8.912.797,040	719.302,639	156,299	324°57'14"	169°09'33"	209,14	-16,20
C508	CERCA	8.912.798,160	719.311,378	156,916	327°07'54"	171°20'13"	205,19	-15,58

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Nome	Descrição	Norte	Este	Cota
TP047	EST	8.912.625,816	719.422,738	172,495

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C509	CERCA	8.912.822,709	719.295,379	154,958	327°06'13"	171°18'32"	234,49	-17,54
C510	CERCA	8.912.818,088	719.287,964	155,078	324°58'17"	169°10'36"	234,80	-17,42
E265	EIXO	8.912.820,467	719.291,616	154,493	326°02'06"	170°14'25"	234,70	-18,00
E266	EIXO	8.912.842,932	719.275,544	152,440	325°51'53"	170°04'12"	262,31	-20,05
C511	CERCA	8.912.845,036	719.278,720	152,551	326°41'49"	170°54'08"	262,29	-19,94
C512	CERCA	8.912.840,688	719.272,884	152,899	325°06'28"	169°18'47"	261,97	-19,60

Nome	Descrição	Norte	Este	Cota
TP048	EST	8.912.856,284	719.268,635	151,187

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F213	CASA	8.912.809,312	719.331,899	157,423	126°35'35"	340°21'43"	78,80	6,24
C513	CERCA	8.912.866,158	719.261,831	150,425	325°25'52"	179°12'00"	11,99	-0,76
C514	CERCA	8.912.862,611	719.255,956	150,622	296°31'15"	150°17'23"	14,17	-0,56
E267	EIXO	8.912.864,143	719.258,574	150,126	307°59'44"	161°45'52"	12,77	-1,06
E268	EIXO	8.912.886,489	719.240,324	147,303	316°51'15"	170°37'23"	41,40	-3,88
C515	CERCA	8.912.888,840	719.243,503	147,545	322°20'00"	176°06'08"	41,13	-3,64
C516	CERCA	8.912.884,610	719.237,875	147,721	312°38'30"	166°24'38"	41,82	-3,47
C517	CERCA	8.912.911,607	719.222,876	144,161	320°24'18"	174°10'26"	71,79	-7,03
C518	CERCA	8.912.907,111	719.218,249	144,847	315°14'59"	169°01'07"	71,57	-6,34
E269	EIXO	8.912.909,242	719.220,929	144,460	317°59'11"	171°45'19"	71,28	-6,73
E270	EIXO	8.912.930,901	719.202,489	142,265	318°26'39"	172°12'47"	99,71	-8,92
C519	CERCA	8.912.932,761	719.205,361	142,614	320°23'49"	174°09'57"	99,26	-8,57
C520	CERCA	8.912.927,610	719.200,916	142,890	316°29'09"	170°15'17"	98,35	-8,30
C521	CERCA	8.912.949,292	719.181,749	140,843	316°56'57"	170°43'05"	127,28	-10,34
C522	CERCA	8.912.953,618	719.187,889	140,916	320°19'18"	174°05'26"	126,47	-10,27
E271	EIXO	8.912.951,114	719.184,448	140,446	318°24'09"	172°10'17"	126,81	-10,74
E272	EIXO	8.912.972,163	719.166,197	137,947	318°31'23"	172°17'31"	154,67	-13,24
C523	CERCA	8.912.969,895	719.164,391	138,395	317°27'44"	171°13'52"	154,19	-12,79
C524	CERCA	8.912.974,880	719.170,638	137,885	320°25'58"	174°12'06"	153,85	-13,30
C525	CERCA	8.912.993,652	719.155,104	134,825	320°25'38"	174°11'46"	178,21	-16,36
C526	CERCA	8.912.989,626	719.148,186	135,434	317°54'29"	171°40'37"	179,69	-15,75
E273	EIXO	8.912.991,505	719.151,274	134,964	319°02'40"	172°48'48"	179,05	-16,22

Nome	Descrição	Norte	Este	Cota
TP049	EST	8.912.988,107	719.158,200	135,729

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C527	CERCA	8.913.012,942	719.139,965	131,477	323°42'45"	183°40'02"	30,81	-4,25
C528	CERCA	8.913.007,435	719.132,067	132,661	306°29'12"	166°26'29"	32,50	-3,07
E274	EIXO	8.913.011,280	719.136,944	131,737	317°28'14"	177°25'31"	31,45	-3,99
E275	EIXO	8.913.023,531	719.122,644	129,140	314°53'36"	174°50'53"	50,19	-6,59
C529	CERCA	8.913.026,195	719.124,727	129,211	318°41'22"	178°38'39"	50,71	-6,52
C530	CERCA	8.913.019,050	719.120,123	130,354	309°05'53"	169°03'10"	49,06	-5,37
C531	CERCA	8.913.045,264	719.097,330	126,512	313°11'53"	173°09'10"	83,50	-9,22

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Nome	Descrição	Norte	Este	Cota
TP049	EST	8.912.988,107	719.158,200	135,729

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C532	CERCA	8.913.040,696	719.093,229	126,831	308°59'14"	168°56'31"	83,59	-8,90
E276	EIXO	8.913.042,918	719.095,279	126,349	311°03'34"	171°00'51"	83,45	-9,38
E277	EIXO	8.913.062,578	719.074,754	125,005	311°44'48"	171°42'05"	111,84	-10,72
C533	CERCA	8.913.059,414	719.073,033	125,761	309°56'17"	169°53'34"	111,08	-9,97
C534	CERCA	8.913.064,008	719.077,567	125,200	313°16'06"	173°13'23"	110,74	-10,53
C535	CERCA	8.913.096,210	719.048,714	122,246	314°38'08"	174°35'25"	153,86	-13,48
C536	CERCA	8.913.092,071	719.044,929	122,735	312°32'48"	172°30'05"	153,75	-12,99
E278	EIXO	8.913.093,998	719.047,131	122,239	313°37'58"	173°35'15"	153,46	-13,49

Nome	Descrição	Norte	Este	Cota
TP089	EST	8.913.092,765	719.051,352	122,387

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C537	CERCA	8.913.103,033	719.038,364	121,465	308°19'40"	173°55'15"	16,56	-0,92
C538	CERCA	8.913.096,977	719.034,161	121,675	283°46'01"	149°21'36"	17,70	-0,71
E279	EIXO	8.913.100,232	719.035,735	121,362	295°33'09"	161°08'44"	17,31	-1,02
E280	EIXO	8.913.112,961	719.011,134	119,338	296°39'50"	162°15'25"	45,00	-3,05
C539	CERCA	8.913.109,853	719.008,852	119,472	291°54'09"	157°29'44"	45,81	-2,92
C540	CERCA	8.913.115,653	719.012,896	119,631	300°45'34"	166°21'09"	44,75	-2,76
C541	CERCA	8.913.127,689	718.986,217	117,552	298°11'58"	163°47'33"	73,91	-4,84
C542	CERCA	8.913.121,938	718.984,118	118,051	293°27'21"	159°02'56"	73,29	-4,34
E281	EIXO	8.913.125,241	718.985,183	117,573	296°08'31"	161°44'06"	73,71	-4,81
E282	EIXO	8.913.136,971	718.959,884	116,357	295°47'39"	161°23'14"	101,59	-6,03
C543	CERCA	8.913.138,916	718.961,098	116,473	297°04'57"	162°40'32"	101,37	-5,91
C544	CERCA	8.913.133,689	718.958,537	116,694	293°47'37"	159°23'12"	101,44	-5,69
C545	CERCA	8.913.145,500	718.931,882	115,377	293°49'01"	159°24'36"	130,59	-7,01
C546	CERCA	8.913.150,945	718.934,942	115,433	296°33'19"	162°08'54"	130,14	-6,95
E283	EIXO	8.913.148,542	718.933,780	115,059	295°22'47"	160°58'22"	130,13	-7,33
E284	EIXO	8.913.160,152	718.910,248	113,695	295°31'40"	161°07'15"	156,37	-8,69
C547	CERCA	8.913.162,304	718.911,955	113,983	296°30'46"	162°06'21"	155,78	-8,40
C548	CERCA	8.913.156,973	718.908,613	113,923	294°13'11"	159°48'46"	156,52	-8,46
C549	CERCA	8.913.177,332	718.868,905	112,546	294°52'06"	160°27'41"	201,09	-9,84
C550	CERCA	8.913.183,147	718.874,450	112,115	297°03'48"	162°39'23"	198,65	-10,27
E285	EIXO	8.913.180,511	718.872,500	112,085	296°07'58"	161°43'33"	199,22	-10,30
E286	EIXO	8.913.198,632	718.856,639	110,954	298°32'00"	164°07'35"	221,63	-11,43
C551	CERCA	8.913.200,098	718.859,969	111,275	299°17'06"	164°52'41"	219,43	-11,11
C552	CERCA	8.913.197,529	718.853,653	110,816	297°55'11"	163°30'46"	223,74	-11,57
C553	CERCA	8.913.218,975	718.839,230	114,642	300°45'08"	166°20'43"	246,83	-7,74
C554	CERCA	8.913.225,968	718.843,757	114,708	302°41'10"	168°16'45"	246,66	-7,68
E287	EIXO	8.913.223,329	718.840,846	114,370	301°48'32"	167°24'07"	247,71	-8,02
E288	EIXO	8.913.234,174	718.823,495	116,284	301°49'26"	167°25'01"	268,17	-6,10
C555	CERCA	8.913.230,821	718.821,358	116,288	300°58'29"	166°34'04"	268,25	-6,10
C556	CERCA	8.913.236,109	718.828,441	116,115	302°44'36"	168°20'11"	265,02	-6,27
C557	CERCA	8.913.241,326	718.805,012	117,695	301°05'35"	166°41'10"	287,67	-4,69
C558	CERCA	8.913.247,744	718.810,257	118,076	302°44'01"	168°19'36"	286,61	-4,31

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Nome	Descrição	Norte	Este	Cota
TP089	EST	8.913.092,765	719.051,352	122,387

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E289	EIXO	8.913.244,075	718.807,857	117,482	301°51'26"	167°27'01"	286,68	-4,90

Nome	Descrição	Norte	Este	Cota
TP090	EST	8.913.245,142	718.801,438	117,406

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C559	CERCA	8.913.251,210	718.803,952	117,445	22°30'12"	261°07'55"	6,57	0,04
C560	CERCA	8.913.245,267	718.799,057	117,657	273°00'35"	151°38'18"	2,38	0,25
C561	CERCA	8.913.259,104	718.805,494	116,930	16°11'56"	254°49'39"	14,54	-0,48
C562	CERCA	8.913.268,115	718.805,618	116,443	10°18'43"	248°56'26"	23,35	-0,96
C563	CERCA	8.913.260,099	718.831,714	117,156	63°42'33"	302°20'16"	33,77	-0,25
C564	CERCA	8.913.265,928	718.831,943	117,158	55°43'46"	294°21'29"	36,91	-0,25
E290	EIXO	8.913.263,044	718.831,564	116,906	59°16'47"	297°54'30"	35,04	-0,50
E291	EIXO	8.913.261,338	718.805,499	116,600	14°04'28"	252°42'11"	16,70	-0,81
E292	EIXO	8.913.247,827	718.802,018	117,226	12°10'52"	250°48'35"	2,75	-0,18
E293	EIXO	8.913.264,202	718.779,803	115,255	311°22'42"	190°00'25"	28,83	-2,15
C565	CERCA	8.913.261,248	718.777,901	115,424	304°23'01"	183°00'44"	28,52	-1,98
C566	CERCA	8.913.270,811	718.782,541	115,790	323°38'21"	202°16'04"	31,87	-1,62
C567	CERCA	8.913.276,764	718.764,574	115,097	310°37'22"	189°15'05"	48,57	-2,31
C568	CERCA	8.913.269,796	718.761,428	114,743	301°38'27"	180°16'10"	47,00	-2,66
E294	EIXO	8.913.272,805	718.763,041	114,605	305°46'12"	184°23'55"	47,32	-2,80
E295	EIXO	8.913.282,191	718.736,567	113,942	299°43'52"	178°21'35"	74,71	-3,46
C569	CERCA	8.913.284,802	718.737,506	114,221	301°48'47"	180°26'30"	75,24	-3,19
C570	CERCA	8.913.278,188	718.735,698	114,282	296°41'15"	175°18'58"	73,58	-3,12
C571	CERCA	8.913.286,687	718.707,558	113,505	293°52'15"	172°29'58"	102,66	-3,90
C572	CERCA	8.913.292,930	718.709,938	113,146	297°34'35"	176°12'18"	103,23	-4,26
E296	EIXO	8.913.289,825	718.709,113	113,178	295°49'33"	174°27'16"	102,57	-4,23
E297	EIXO	8.913.297,807	718.681,775	112,488	293°45'16"	172°22'59"	130,74	-4,92
C573	CERCA	8.913.294,613	718.680,908	112,871	292°18'56"	170°56'39"	130,29	-4,54
C574	CERCA	8.913.300,889	718.683,331	112,607	295°16'02"	173°53'45"	130,60	-4,80
AV012	ARVORE	8.913.308,060	718.659,197	112,112	293°51'41"	172°29'24"	155,54	-5,29
C575	CERCA	8.913.309,044	718.653,809	112,071	293°24'20"	172°02'03"	160,87	-5,34
C576	CERCA	8.913.302,285	718.652,233	112,178	290°57'21"	169°35'04"	159,77	-5,23
E298	EIXO	8.913.305,828	718.652,966	111,712	292°13'54"	170°51'37"	160,40	-5,69
E299	EIXO	8.913.310,703	718.626,985	111,298	290°35'48"	169°13'31"	186,37	-6,11
C577	CERCA	8.913.313,683	718.627,869	111,554	291°32'55"	170°10'38"	186,61	-5,85
C578	CERCA	8.913.306,999	718.625,862	111,863	289°24'28"	168°02'11"	186,15	-5,54

Nome	Descrição	Norte	Este	Cota
TP091	EST	8.913.311,018	718.637,335	111,427

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F214	CASA	8.913.353,815	718.648,407	108,550	14°30'19"	262°37'59"	44,21	-2,88
D062	POSTE	8.913.344,753	718.640,157	109,581	4°46'57"	252°54'37"	33,85	-1,85
AV013	ARVORE	8.913.314,531	718.592,116	110,924	274°26'31"	162°34'11"	45,35	-0,50

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Nome	Descrição	Norte	Este	Cota
TP091	EST	8.913.311,018	718.637,335	111,427

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C579	CERCA	8.913.318,892	718.599,180	110,985	281°39'34"	169°47'14"	38,96	-0,44
C580	CERCA	8.913.312,517	718.596,972	111,353	272°07'37"	160°15'17"	40,39	-0,07
E300	EIXO	8.913.315,872	718.597,982	110,917	277°01'51"	165°09'31"	39,65	-0,51
E301	EIXO	8.913.322,047	718.569,782	110,205	279°16'19"	167°23'59"	68,45	-1,22
C581	CERCA	8.913.319,054	718.569,000	110,358	276°42'25"	164°50'05"	68,81	-1,07
C582	CERCA	8.913.324,622	718.570,833	110,433	281°33'38"	169°41'18"	67,88	-0,99
C583	CERCA	8.913.330,738	718.543,543	109,916	281°52'24"	170°00'04"	95,84	-1,51
C584	CERCA	8.913.324,566	718.542,114	109,961	278°05'50"	166°13'30"	96,18	-1,47
E302	EIXO	8.913.327,848	718.542,845	109,675	280°05'56"	168°13'36"	95,98	-1,75
E303	EIXO	8.913.333,271	718.514,359	109,190	280°15'24"	168°23'04"	124,97	-2,24
C585	CERCA	8.913.330,171	718.513,426	109,419	278°47'12"	166°54'52"	125,38	-2,01
C586	CERCA	8.913.336,593	718.515,394	109,072	281°50'41"	169°58'21"	124,59	-2,35
C587	CERCA	8.913.335,012	718.486,724	108,825	279°03'06"	167°10'46"	152,51	-2,60
C588	CERCA	8.913.341,788	718.488,348	108,547	281°40'08"	169°47'48"	152,13	-2,88
E304	EIXO	8.913.338,049	718.487,171	108,589	280°12'16"	168°19'56"	152,58	-2,84
E305	EIXO	8.913.342,213	718.466,783	107,902	280°21'54"	168°29'34"	173,38	-3,53
C589	CERCA	8.913.338,662	718.465,855	108,329	279°09'27"	167°17'07"	173,69	-3,10
C590	CERCA	8.913.346,311	718.467,891	107,707	281°45'56"	169°53'36"	173,08	-3,72
D064	POSTE	8.913.349,073	718.457,368	107,172	281°56'22"	170°04'02"	183,95	-4,25
C591	CERCA	8.913.351,906	718.439,263	106,587	281°39'49"	169°47'29"	202,25	-4,84
C592	CERCA	8.913.344,075	718.437,708	107,765	279°24'09"	167°31'49"	202,35	-3,66
E306	EIXO	8.913.349,251	718.439,265	106,642	280°55'31"	169°03'11"	201,73	-4,79

Nome	Descrição	Norte	Este	Cota
TP092	EST	8.913.344,400	718.440,339	107,777

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C593	CERCA	8.913.353,496	718.418,948	106,346	293°02'16"	193°25'13"	23,25	-1,43
C594	CERCA	8.913.346,995	718.417,906	107,027	276°35'53"	176°58'50"	22,58	-0,75
E307	EIXO	8.913.350,626	718.417,946	106,025	285°32'20"	185°55'17"	23,24	-1,75
E308	EIXO	8.913.353,257	718.390,738	105,364	280°07'29"	180°30'26"	50,39	-2,41
C595	CERCA	8.913.350,260	718.392,123	105,681	276°55'48"	177°18'45"	48,57	-2,10
C596	CERCA	8.913.356,664	718.391,785	105,430	284°10'33"	184°33'30"	50,08	-2,35
D066	POSTE	8.913.356,910	718.378,044	105,376	281°21'20"	181°44'17"	63,54	-2,40
C597	CERCA	8.913.359,625	718.363,761	104,741	281°14'41"	181°37'38"	78,08	-3,04
C598	CERCA	8.913.352,260	718.362,514	104,984	275°46'03"	176°09'00"	78,22	-2,79
E309	EIXO	8.913.356,368	718.363,421	104,715	278°50'38"	179°13'35"	77,84	-3,06
E310	EIXO	8.913.358,878	718.337,896	104,017	278°02'39"	178°25'36"	103,46	-3,76
D067	POSTE	8.913.361,855	718.338,477	104,269	279°43'26"	180°06'23"	103,35	-3,51
C599	CERCA	8.913.362,631	718.338,820	104,241	280°10'52"	180°33'49"	103,14	-3,54
C600	CERCA	8.913.355,112	718.337,404	104,631	275°56'28"	176°19'25"	103,49	-3,15
F215	CASA	8.913.349,329	718.339,861	105,952	272°48'31"	173°11'28"	100,60	-1,83

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Nome	Descrição	Norte	Este	Cota
TP093	EST	8.913.359,099	718.324,758	103,824

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E311	EIXO	8.913.363,125	718.314,251	102,766	290°58'12"	193°43'20"	11,25	-1,06
C601	CERCA	8.913.367,695	718.315,345	103,193	312°24'15"	215°09'23"	12,75	-0,63
C602	CERCA	8.913.356,281	718.313,239	104,636	256°15'24"	159°00'32"	11,86	0,81
C603	CERCA	8.913.357,194	718.298,741	104,078	265°48'49"	168°33'57"	26,09	0,25
C604	CERCA	8.913.361,098	718.294,923	103,467	273°50'02"	176°35'10"	29,90	-0,36
C605	CERCA	8.913.363,401	718.295,604	103,155	278°23'45"	181°08'53"	29,47	-0,67
C606	CERCA	8.913.357,845	718.271,701	104,367	268°38'47"	171°23'55"	53,07	0,54
C607	CERCA	8.913.361,749	718.272,442	104,270	272°54'01"	175°39'09"	52,38	0,45
E312	EIXO	8.913.359,611	718.272,102	103,960	270°33'27"	173°18'35"	52,66	0,14
E313	EIXO	8.913.359,265	718.294,802	103,735	270°19'03"	173°04'11"	29,96	-0,09
E314	EIXO	8.913.367,094	718.297,796	101,934	286°31'02"	189°16'10"	28,12	-1,89
C608	CERCA	8.913.371,272	718.301,067	102,082	297°11'49"	199°56'57"	26,64	-1,74
D068	POSTE	8.913.370,709	718.300,790	101,980	295°50'47"	198°35'55"	26,63	-1,84
C609	CERCA	8.913.381,077	718.279,546	100,378	295°55'33"	198°40'41"	50,27	-3,45
C610	CERCA	8.913.372,803	718.274,633	100,896	285°17'30"	188°02'38"	51,96	-2,93
E315	EIXO	8.913.376,008	718.276,546	100,664	289°19'39"	192°04'47"	51,09	-3,16
E316	EIXO	8.913.383,879	718.261,268	99,574	291°19'16"	194°04'24"	68,15	-4,25
D069	POSTE	8.913.387,328	718.264,201	99,660	294°59'35"	197°44'43"	66,81	-4,16
C611	CERCA	8.913.387,920	718.264,777	99,505	295°39'53"	198°25'01"	66,55	-4,32
C612	CERCA	8.913.380,893	718.259,722	100,148	288°31'37"	191°16'45"	68,59	-3,68
T001	TALUDE	8.913.362,574	718.303,133	102,582	279°07'48"	181°52'56"	21,90	-1,24
T002	TALUDE	8.913.364,530	718.295,793	102,147	280°37'16"	183°22'24"	29,47	-1,68
T003	TALUDE	8.913.378,360	718.264,483	100,048	287°43'19"	190°28'27"	63,28	-3,78
T004	TALUDE	8.913.377,688	718.264,235	100,981	287°04'26"	189°49'34"	63,31	-2,84
T005	TALUDE	8.913.396,154	718.237,144	97,083	292°55'33"	195°40'41"	95,13	-6,74
C613	CERCA	8.913.395,077	718.236,957	98,514	292°16'57"	195°02'05"	94,89	-5,31
C614	CERCA	8.913.402,701	718.240,228	97,436	297°17'10"	200°02'18"	95,11	-6,39
E317	EIXO	8.913.398,608	718.237,859	96,952	294°26'58"	197°12'06"	95,46	-6,87
D070	POSTE	8.913.408,342	718.231,146	96,671	297°44'46"	200°29'54"	105,77	-7,15
E318	EIXO	8.913.417,023	718.213,863	95,081	297°34'47"	200°19'55"	125,11	-8,74
C615	CERCA	8.913.420,485	718.216,418	95,294	299°32'11"	202°17'19"	124,52	-8,53
C616	CERCA	8.913.413,108	718.211,107	96,431	295°25'05"	198°10'13"	125,83	-7,39
T006	TALUDE	8.913.411,055	718.215,157	95,560	295°21'49"	198°06'57"	121,29	-8,26
D071	POSTE	8.913.433,012	718.199,480	94,024	300°32'26"	203°17'34"	145,46	-9,80
C617	CERCA	8.913.432,116	718.200,324	94,225	300°24'15"	203°09'23"	144,28	-9,60
C618	CERCA	8.913.429,355	718.186,816	95,196	296°59'27"	199°44'35"	154,80	-8,63
T007	TALUDE	8.913.430,025	718.186,920	94,075	297°13'44"	199°58'52"	155,02	-9,75
E319	EIXO	8.913.431,523	718.188,869	93,940	298°03'22"	200°48'30"	153,98	-9,88
E320	EIXO	8.913.440,513	718.191,570	92,205	301°26'12"	204°11'20"	156,10	-11,62
C619	CERCA	8.913.438,227	718.195,053	92,794	301°23'10"	204°08'18"	151,94	-11,03
C620	CERCA	8.913.440,146	718.188,026	93,032	300°39'26"	203°24'34"	158,95	-10,79
C621	CERCA	8.913.474,016	718.194,126	90,867	311°20'18"	214°05'26"	173,99	-12,96
C622	CERCA	8.913.474,531	718.190,600	90,866	310°42'35"	213°27'43"	176,98	-12,96
E321	EIXO	8.913.474,415	718.192,363	90,688	311°03'22"	213°48'30"	175,57	-13,14
E322	EIXO	8.913.512,293	718.197,286	93,020	320°14'11"	222°59'19"	199,29	-10,80

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Nome	Descrição	Norte	Este	Cota
TP093	EST	8.913.359,099	718.324,758	103,824

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E323	EIXO	8.913.518,911	718.197,118	92,876	321°23'11"	224°08'19"	204,53	-10,95
C623	CERCA	8.913.513,626	718.201,185	93,376	321°21'05"	224°06'13"	197,86	-10,45
C624	CERCA	8.913.511,366	718.195,436	93,042	319°39'31"	222°24'39"	199,77	-10,78
C625	CERCA	8.913.518,127	718.200,678	93,568	322°02'15"	224°47'23"	201,71	-10,26
C626	CERCA	8.913.517,497	718.195,949	92,812	320°52'56"	223°38'04"	204,16	-11,01
C627	CERCA	8.913.446,021	718.164,594	93,913	298°29'21"	201°14'29"	182,23	-9,91
C628	CERCA	8.913.439,162	718.161,910	95,495	296°10'51"	198°55'59"	181,46	-8,33
T008	TALUDE	8.913.189,408	718.262,822	94,119	200°03'06"	102°48'15"	180,64	-9,70
E324	EIXO	8.913.189,344	718.260,155	94,058	200°50'06"	103°35'15"	181,63	-9,77
E325	EIXO	8.913.159,902	718.256,602	94,380	198°53'19"	101°38'28"	210,53	-9,44
C629	CERCA	8.913.151,146	718.252,875	94,392	199°04'07"	101°49'16"	220,03	-9,43
C630	CERCA	8.913.151,249	718.258,976	95,464	197°33'43"	100°18'52"	218,01	-8,36
T009	TALUDE	8.913.150,342	718.257,935	94,511	197°44'59"	100°30'08"	219,19	-9,31
D074	POSTE	8.913.149,755	718.252,524	94,608	199°02'13"	101°47'22"	221,46	-9,22
C631	CERCA	8.913.134,545	718.251,460	94,963	198°04'39"	100°49'48"	236,21	-8,86
C632	CERCA	8.913.134,930	718.258,404	95,877	196°29'19"	99°14'28"	233,78	-7,95
T010	TALUDE	8.913.134,923	718.257,090	94,756	196°47'47"	99°32'56"	234,17	-9,07
E326	EIXO	8.913.133,962	718.254,543	94,627	197°19'17"	100°04'26"	235,83	-9,20
APAGA	EIXO	8.913.125,587	718.204,051	89,831	207°20'07"	110°05'16"	262,86	-13,99
E327	EIXO	8.913.128,487	718.205,669	89,805	207°18'43"	110°03'52"	259,55	-14,02
C633	CERCA	8.913.128,513	718.203,944	89,891	207°39'07"	110°24'16"	260,32	-13,93
C634	CERCA	8.913.129,733	718.207,855	89,869	207°00'25"	109°45'34"	257,44	-13,95
C635	CERCA	8.913.157,487	718.205,553	90,524	210°35'39"	113°20'48"	234,22	-13,30
C636	CERCA	8.913.155,831	718.201,992	90,725	211°07'49"	113°52'58"	237,46	-13,10
E328	EIXO	8.913.156,478	718.203,922	90,395	210°48'37"	113°33'46"	235,92	-13,43
D075	POSTE	8.913.153,845	718.203,013	90,502	210°40'26"	113°25'35"	238,64	-13,32
F216	CASA	8.913.188,400	718.202,228	91,614	215°40'16"	118°25'25"	210,12	-12,21
F217	CASA	8.913.164,991	718.181,114	91,653	216°30'08"	119°15'17"	241,48	-12,17
D076	POSTE	8.913.186,842	718.191,768	91,932	217°40'11"	120°25'20"	217,62	-11,89
C637	CERCA	8.913.182,655	718.193,246	91,738	216°41'56"	119°27'05"	220,06	-12,09
C638	CERCA	8.913.184,419	718.196,819	91,676	216°13'11"	118°58'20"	216,52	-12,15
E329	EIXO	8.913.183,752	718.194,967	91,378	216°30'31"	119°15'40"	218,16	-12,45
E330	EIXO	8.913.197,854	718.190,184	91,968	219°50'53"	122°36'02"	210,02	-11,86
C639	CERCA	8.913.199,038	718.192,162	92,501	219°38'19"	122°23'28"	207,85	-11,32
C640	CERCA	8.913.198,039	718.188,192	92,189	220°17'43"	123°02'52"	211,16	-11,63
C641	CERCA	8.913.245,561	718.176,155	94,720	232°37'08"	135°22'17"	187,01	-9,10
C642	CERCA	8.913.246,694	718.179,929	94,540	232°11'03"	134°56'12"	183,33	-9,28
E331	EIXO	8.913.246,210	718.177,761	94,412	232°28'37"	135°13'46"	185,34	-9,41
E332	EIXO	8.913.210,878	718.154,205	95,219	229°00'27"	131°45'36"	225,96	-8,60
C643	CERCA	8.913.213,296	718.154,012	95,464	229°30'20"	132°15'29"	224,53	-8,36
D077	POSTE	8.913.211,498	718.142,067	96,739	231°03'52"	133°49'01"	234,87	-7,08
C644	CERCA	8.913.210,232	718.127,223	98,075	232°59'51"	135°45'00"	247,35	-5,75
E333	EIXO	8.913.207,163	718.127,021	97,851	232°27'44"	135°12'53"	249,37	-5,97
E334	EIXO	8.913.207,232	718.100,521	100,575	235°53'30"	138°38'39"	270,82	-3,25
C645	CERCA	8.913.208,868	718.100,562	100,585	236°10'28"	138°55'37"	269,88	-3,24

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Nome	Descrição	Norte	Este	Cota
TP093	EST	8.913.359,099	718.324,758	103,824

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
D078	POSTE	8.913.205,594	718.099,243	100,808	235°45'27"	138°30'36"	272,80	-3,02
D079	POSTE	8.913.223,051	718.069,213	103,140	241°58'12"	144°43'21"	289,50	-0,68
C646	CERCA	8.913.220,651	718.070,982	103,140	241°23'07"	144°08'16"	289,08	-0,68
E335	EIXO	8.913.223,577	718.073,851	102,804	241°37'31"	144°22'40"	285,17	-1,02
F218	CASA	8.913.235,840	718.046,088	102,829	246°08'23"	148°53'32"	304,71	-0,99
TRP004_APA		8.912.834,562	718.182,788	93,419	195°08'41"	97°53'49"	543,41	-10,40

Nome	Descrição	Norte	Este	Cota
TP009	EST	8.911.285,341	720.156,462	176,021

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
APAG	POSTE	8.911.949,879	720.148,278	203,242	359°17'40"	358°31'23"	664,59	27,22
APAG	IRR	8.911.924,256	720.131,738	202,275	357°47'02"	357°00'46"	639,39	26,25
APAG	POSTE	8.911.899,306	720.114,576	201,751	356°05'50"	355°19'34"	615,39	25,73
APAG	IRR	8.911.892,661	720.080,446	199,573	352°51'56"	352°05'40"	612,06	23,55

Nome	Descrição	Norte	Este	Cota
TP010	EST	8.911.277,695	720.276,160	178,274

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C139	IRR	8.911.274,252	720.142,435	175,867	268°31'30"	354°52'12"	133,77	-2,41
C140	IRR	8.911.275,476	720.136,741	175,311	269°05'17"	355°25'59"	139,44	-2,96
E071	IRR	8.911.275,122	720.139,802	175,790	268°55'08"	355°15'50"	136,38	-2,48
C141	IRR	8.911.279,860	720.149,263	175,846	270°58'39"	357°19'21"	126,91	-2,43
C142	IRR	8.911.283,776	720.143,250	176,282	272°37'11"	358°57'53"	133,05	-1,99
E072	IRR	8.911.282,710	720.146,210	176,468	272°12'37"	358°33'19"	130,05	-1,81
E073	IRR	8.911.286,560	720.149,384	175,842	274°00'00"	0°20'42"	127,08	-2,43
C143	IRR	8.911.290,009	720.147,675	175,896	275°28'29"	1°49'10"	129,07	-2,38
C144	IRR	8.911.283,195	720.158,017	176,162	272°39'56"	359°00'38"	118,27	-2,11
C145	IRR	8.911.289,230	720.158,342	176,156	275°35'30"	1°56'11"	118,38	-2,12
F017	IRR	8.911.300,330	720.123,333	175,064	278°25'29"	4°46'10"	154,49	-3,21
C146	IRR	8.911.289,899	720.150,394	176,032	275°32'33"	1°53'14"	126,36	-2,24
C147	IRR	8.911.287,957	720.176,317	176,481	275°52'07"	2°12'48"	100,37	-1,79
C148	IRR	8.911.282,505	720.175,633	176,466	272°44'22"	359°05'04"	100,64	-1,81
E074	IRR	8.911.285,459	720.176,172	176,379	274°26'25"	0°47'07"	100,29	-1,90
E075	IRR	8.911.283,739	720.200,121	177,027	274°32'42"	0°53'24"	76,28	-1,25
C149	IRR	8.911.286,349	720.200,725	177,114	276°32'41"	2°53'23"	75,93	-1,16
C150	IRR	8.911.281,182	720.200,301	177,249	272°37'54"	358°58'36"	75,94	-1,02
C151	IRR	8.911.279,780	720.226,123	178,364	272°23'11"	358°43'53"	50,08	0,09
C152	IRR	8.911.284,656	720.226,927	178,220	278°02'51"	4°23'33"	49,72	-0,05
E076	IRR	8.911.282,710	720.227,346	178,174	275°51'57"	2°12'39"	49,07	-0,10
E077	IRR	8.911.280,078	720.256,472	178,185	276°54'09"	3°14'51"	19,83	-0,09
C153	IRR	8.911.282,887	720.256,508	178,379	284°47'59"	11°08'41"	20,33	0,11
C154	IRR	8.911.278,187	720.256,847	178,236	271°27'33"	357°48'15"	19,32	-0,04
C155	IRR	8.911.284,577	720.264,467	178,153	300°28'49"	26°49'31"	13,57	-0,12

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Nome	Descrição	Norte	Este	Cota
TP010	EST	8.911.277,695	720.276,160	178,274

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C156	IRR	8.911.294,962	720.267,196	178,110	332°33'55"	58°54'36"	19,46	-0,16
F018	IRR	8.911.291,485	720.279,277	177,667	12°44'11"	99°04'52"	14,14	-0,61
C157	IRR	8.911.282,048	720.292,123	177,818	74°44'45"	161°05'27"	16,55	-0,46
C158	IRR	8.911.275,594	720.291,592	177,979	97°45'06"	184°05'48"	15,57	-0,29
E078	IRR	8.911.278,617	720.291,667	177,819	86°35'45"	172°56'27"	15,53	-0,45
E079	IRR	8.911.275,805	720.316,088	177,493	92°42'32"	179°03'14"	39,97	-0,78
C159	IRR	8.911.273,616	720.315,028	177,603	95°59'24"	182°20'06"	39,08	-0,67
C160	IRR	8.911.278,657	720.315,757	177,675	88°36'26"	174°57'08"	39,61	-0,60
D018	IRR	8.911.272,087	720.323,632	177,366	96°44'12"	183°04'54"	47,80	-0,91
F019	IRR	8.911.263,896	720.320,081	177,555	107°26'25"	193°47'07"	46,04	-0,72
C161	IRR	8.911.272,351	720.327,860	177,270	95°54'05"	182°14'47"	51,98	-1,00
C162	IRR	8.911.277,930	720.324,894	177,399	89°43'25"	176°04'07"	48,73	-0,87
C163	IRR	8.911.271,554	720.344,391	177,171	95°08'34"	181°29'16"	68,51	-1,10
C164	IRR	8.911.274,628	720.345,649	177,155	92°31'36"	178°52'18"	69,56	-1,12
E080	IRR	8.911.273,267	720.344,941	177,026	93°40'58"	180°01'40"	68,92	-1,25
E081	IRR	8.911.275,842	720.328,564	177,140	92°01'27"	178°22'09"	52,44	-1,13
E082	IRR	8.911.270,150	720.367,388	176,670	94°43'40"	181°04'22"	91,54	-1,60
C165	IRR	8.911.268,190	720.367,337	176,855	95°57'04"	182°17'46"	91,67	-1,42
C166	IRR	8.911.271,332	720.367,539	176,672	93°58'58"	180°19'40"	91,60	-1,60
C167	IRR	8.911.266,469	720.382,487	176,683	96°01'35"	182°22'17"	106,92	-1,59
C168	IRR	8.911.269,212	720.382,793	176,419	94°32'54"	180°53'36"	106,97	-1,85
E083	IRR	8.911.268,309	720.382,356	176,378	95°03'02"	181°23'44"	106,61	-1,90
F020	IRR	8.911.262,386	720.391,663	176,241	97°33'00"	183°53'42"	116,51	-2,03
E084	IRR	8.911.286,773	720.349,221	176,517	82°55'01"	169°15'43"	73,62	-1,76
C169	IRR	8.911.289,337	720.347,287	176,585	80°42'15"	167°02'56"	72,07	-1,69
C170	IRR	8.911.286,078	720.352,325	176,687	83°43'08"	170°03'50"	76,63	-1,59
C171	IRR	8.911.313,192	720.364,845	175,299	68°11'08"	154°31'49"	95,53	-2,97
C172	IRR	8.911.314,262	720.358,459	175,513	66°02'36"	152°23'17"	90,06	-2,76
E085	IRR	8.911.314,184	720.361,356	175,230	66°48'53"	153°09'34"	92,68	-3,04
E086	IRR	8.911.335,105	720.371,412	174,777	58°55'18"	145°15'59"	111,22	-3,50
C173	IRR	8.911.336,636	720.368,479	174,933	57°26'37"	143°47'18"	109,53	-3,34
C174	IRR	8.911.337,200	720.375,558	174,597	59°05'34"	145°26'15"	115,85	-3,68
F021	IRR	8.911.313,863	720.434,757	175,112	77°09'12"	163°29'53"	162,67	-3,16
D020	IRR	8.911.314,764	720.423,133	175,075	75°50'39"	162°11'20"	151,58	-3,20
C175	IRR	8.911.350,518	720.374,808	174,874	53°33'53"	139°54'34"	122,62	-3,40
C176	IRR	8.911.348,285	720.380,792	174,780	55°59'39"	142°20'20"	126,22	-3,49
E087	IRR	8.911.349,271	720.377,657	174,630	54°48'30"	141°09'11"	124,20	-3,64
F022	IRR	8.911.358,271	720.367,882	174,956	48°42'04"	135°02'45"	122,09	-3,32

Nome	Descrição	Norte	Este	Cota
TP011	EST	8.911.375,115	720.387,831	174,099

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C177	IRR	8.911.397,180	720.395,774	172,613	19°47'47"	150°53'50"	23,45	-1,49
C178	IRR	8.911.395,228	720.401,621	172,784	34°26'03"	165°32'06"	24,39	-1,31

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Nome	Descrição	Norte	Este	Cota
TP011	EST	8.911.375,115	720.387,831	174,099

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E088	IRR	8.911.396,012	720.398,805	172,432	27°42'19"	158°48'22"	23,60	-1,67
C179	IRR	8.911.451,519	720.419,930	170,186	22°47'18"	153°53'21"	82,87	-3,91
C180	IRR	8.911.451,512	720.428,214	170,261	27°51'37"	158°57'40"	86,41	-3,84
C181	IRR	8.911.455,680	720.421,714	169,885	22°48'35"	153°54'38"	87,40	-4,21
C182	IRR	8.911.461,132	720.424,680	169,676	23°11'24"	154°17'27"	93,58	-4,42
C183	IRR	8.911.461,099	720.429,578	170,001	25°53'50"	156°59'53"	95,58	-4,10
C184	IRR	8.911.460,878	720.434,048	170,253	28°19'10"	159°25'13"	97,42	-3,85
C185	IRR	8.911.455,179	720.434,776	170,416	30°23'05"	161°29'08"	92,81	-3,68
E089	IRR	8.911.449,489	720.423,321	170,064	25°30'33"	156°36'36"	82,41	-4,04
E090	IRR	8.911.457,230	720.426,346	169,886	25°07'41"	156°13'44"	90,70	-4,21
E091	IRR	8.911.458,082	720.435,479	170,196	29°52'06"	160°58'09"	95,68	-3,90
E092	IRR	8.911.457,173	720.464,224	171,315	42°57'08"	174°03'11"	112,11	-2,78
C186	IRR	8.911.454,473	720.464,238	171,684	43°54'52"	175°00'55"	110,16	-2,42
C187	IRR	8.911.459,847	720.463,971	171,465	41°56'34"	173°02'37"	113,92	-2,63
C188	IRR	8.911.453,686	720.490,685	172,584	52°37'24"	183°43'27"	129,43	-1,51
C189	IRR	8.911.458,649	720.491,402	172,504	51°06'45"	182°12'48"	133,06	-1,59
E093	IRR	8.911.456,470	720.491,334	172,389	51°49'55"	182°55'58"	131,65	-1,71
E094	IRR	8.911.455,677	720.519,851	173,477	58°36'27"	189°42'30"	154,66	-0,62
C190	IRR	8.911.452,689	720.519,528	173,736	59°30'01"	190°36'04"	152,85	-0,36
C191	IRR	8.911.458,032	720.519,549	173,506	57°48'34"	188°54'37"	155,64	-0,59
C192	IRR	8.911.459,727	720.527,629	173,758	58°48'57"	189°55'00"	163,41	-0,34
C193	IRR	8.911.452,377	720.527,252	173,935	61°00'23"	192°06'26"	159,40	-0,16
E095	IRR	8.911.456,261	720.526,413	173,600	59°38'56"	190°44'59"	160,59	-0,50
C194	IRR	8.911.452,339	720.537,176	174,449	62°39'26"	193°45'29"	168,13	0,35
C195	IRR	8.911.463,542	720.536,057	173,993	59°10'51"	190°16'54"	172,60	-0,11
E096	IRR	8.911.458,970	720.535,633	173,736	60°25'54"	191°31'57"	169,93	-0,36
E097	IRR	8.911.478,683	720.556,016	174,643	58°22'31"	189°28'34"	197,52	0,54
C198	IRR	8.911.476,834	720.558,292	175,137	59°10'27"	190°16'30"	198,50	1,04
C197	IRR	8.911.480,392	720.554,374	174,777	57°42'06"	188°48'09"	197,03	0,68
C196	IRR	8.911.498,113	720.577,337	176,227	57°00'52"	188°06'55"	225,92	2,13
C199	IRR	8.911.501,645	720.572,956	176,027	55°38'53"	186°44'56"	224,23	1,93
E098	IRR	8.911.500,073	720.575,353	175,758	56°19'19"	187°25'22"	225,34	1,66
E099	IRR	8.911.522,316	720.594,132	177,399	54°29'28"	185°35'31"	253,43	3,30
C200	IRR	8.911.519,993	720.596,477	177,771	55°13'30"	186°19'33"	254,01	3,67
C201	IRR	8.911.524,891	720.591,990	177,698	53°44'07"	184°50'10"	253,21	3,60
C202	IRR	8.911.540,450	720.604,787	178,789	52°41'24"	183°47'27"	272,77	4,69
C203	IRR	8.911.535,079	720.609,756	178,816	54°12'57"	185°19'00"	273,57	4,72
E100	IRR	8.911.538,123	720.607,269	178,708	53°23'36"	184°29'39"	273,36	4,61
E101	IRR	8.911.545,886	720.633,928	180,166	55°14'33"	186°20'36"	299,54	6,07
C205	IRR	8.911.543,380	720.633,825	180,357	55°37'37"	186°43'40"	298,04	6,26
C206	IRR	8.911.548,055	720.633,922	180,280	54°54'09"	186°00'12"	300,78	6,18
C207	IRR	8.911.549,741	720.663,683	181,341	57°39'52"	188°45'55"	326,48	7,24
C208	IRR	8.911.544,834	720.663,574	181,110	58°23'16"	189°29'19"	323,79	7,01
E102	IRR	8.911.547,130	720.663,062	181,040	57°59'43"	189°05'46"	324,56	6,94
F023	IRR	8.911.540,955	720.660,421	180,595	58°41'03"	189°47'06"	319,07	6,50

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Nome	Descrição	Norte	Este	Cota
TP012	EST	8.911.545,001	720.660,420	181,109

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C209	IRR	8.911.551,211	720.689,370	182,405	77°53'38"	199°49'35"	29,61	1,30
C210	IRR	8.911.546,073	720.689,409	182,085	87°52'54"	209°48'51"	29,01	0,98
E103	IRR	8.911.548,376	720.689,056	182,201	83°16'40"	205°12'37"	28,83	1,09
F024	IRR	8.911.540,891	720.690,836	181,621	97°41'47"	219°37'44"	30,69	0,51
C211	IRR	8.911.553,360	720.721,978	184,471	82°16'01"	204°11'58"	62,12	3,36
C212	IRR	8.911.547,652	720.722,143	183,865	87°32'26"	209°28'23"	61,78	2,76
E104	IRR	8.911.550,599	720.721,433	183,842	84°45'28"	206°41'25"	61,27	2,73
E105	IRR	8.911.553,275	720.751,999	186,281	84°50'15"	206°46'12"	91,95	5,17
C213	IRR	8.911.555,751	720.751,302	186,961	83°15'16"	205°11'13"	91,52	5,85
C214	IRR	8.911.549,930	720.752,189	186,213	86°55'32"	208°51'29"	91,90	5,10
C215	IRR	8.911.558,414	720.778,837	188,683	83°32'16"	205°28'13"	119,17	7,57
C216	IRR	8.911.552,982	720.779,421	187,923	86°09'48"	208°05'45"	119,27	6,81
E106	IRR	8.911.555,915	720.778,884	188,004	84°44'11"	206°40'08"	118,97	6,89
E107	IRR	8.911.559,511	720.808,392	188,860	84°23'59"	206°19'56"	148,68	7,75
C217	IRR	8.911.560,817	720.808,715	188,952	83°54'44"	205°50'41"	149,14	7,84
C218	IRR	8.911.557,127	720.810,247	188,974	85°22'23"	207°18'20"	150,32	7,86

Nome	Descrição	Norte	Este	Cota
TP013	EST	8.911.559,488	720.823,967	189,305

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C219	IRR	8.911.566,144	720.842,385	189,770	70°07'46"	165°11'28"	19,58	0,47
C220	IRR	8.911.562,039	720.842,930	189,748	82°20'11"	177°23'53"	19,13	0,44
E108	IRR	8.911.564,086	720.842,656	189,712	76°10'33"	171°14'15"	19,25	0,41
E109	IRR	8.911.569,477	720.871,861	190,264	78°13'07"	173°16'49"	48,92	0,96
C221	IRR	8.911.571,822	720.871,301	190,480	75°23'38"	170°27'20"	48,91	1,17
C222	IRR	8.911.566,802	720.872,741	190,274	81°28'17"	176°31'59"	49,32	0,97
C223	IRR	8.911.581,807	720.900,448	191,779	73°43'52"	168°47'34"	79,67	2,47
C224	IRR	8.911.575,158	720.901,656	190,466	78°35'47"	173°39'29"	79,25	1,16
E110	IRR	8.911.577,405	720.901,219	190,635	76°56'30"	172°00'12"	79,30	1,33
E111	IRR	8.911.584,719	720.926,607	190,392	76°11'21"	171°15'03"	105,70	1,09

Nome	Descrição	Norte	Este	Cota
TP008	EST	8.911.595,269	720.968,858	189,199

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F025	IRR	8.911.579,769	720.932,524	189,510	246°53'52"	350°46'10"	39,50	0,31
C227	IRR	8.911.589,363	720.931,207	190,761	261°05'09"	4°57'27"	38,11	1,56
C228	IRR	8.911.586,837	720.942,621	189,668	252°11'04"	356°03'22"	27,56	0,47
C226	IRR	8.911.582,270	720.927,437	190,046	252°34'39"	356°26'57"	43,41	0,85
C225	IRR	8.911.591,671	720.940,431	190,192	262°47'13"	6°39'31"	28,65	0,99
E112	IRR	8.911.588,962	720.941,660	189,806	256°56'38"	0°48'56"	27,92	0,61
E113	IRR	8.911.594,899	720.963,600	189,323	265°58'40"	9°50'58"	5,27	0,12
C229	IRR	8.911.599,205	720.966,961	189,490	334°16'12"	78°08'30"	4,37	0,29
C230	IRR	8.911.603,910	720.971,678	189,771	18°04'16"	121°56'34"	9,09	0,57

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Nome	Descrição	Norte	Este	Cota
TP008	EST	8.911.595,269	720.968,858	189,199

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E114	IRR	8.911.602,011	720.972,983	189,383	31°27'15"	135°19'33"	7,90	0,18
E115	IRR	8.911.592,903	720.974,718	188,611	111°59'02"	215°51'20"	6,32	-0,59
C231	IRR	8.911.591,011	720.974,640	188,690	126°21'56"	230°14'14"	7,18	-0,51
C232	IRR	8.911.589,734	720.995,357	187,613	101°47'50"	205°40'08"	27,07	-1,59
E116	IRR	8.911.592,123	720.995,211	187,738	96°48'29"	200°40'47"	26,54	-1,46

Nome	Descrição	Norte	Este	Cota
TP007	EST	8.911.731,477	720.954,397	193,996

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F026	IRR	8.911.659,232	720.941,487	193,913	190°07'51"	37°16'06"	73,39	-0,08
D024	IRR	8.911.663,586	720.943,207	193,774	189°21'34"	36°29'49"	68,81	-0,22
C233	IRR	8.911.665,492	720.942,130	193,956	190°31'52"	37°40'07"	67,12	-0,04
C234	IRR	8.911.680,003	720.942,064	194,150	193°28'22"	40°36'37"	52,93	0,15
E117	IRR	8.911.680,251	720.945,939	193,719	189°22'29"	36°30'44"	51,92	-0,28
E118	IRR	8.911.698,658	720.950,236	193,781	187°13'28"	34°21'43"	33,08	-0,22
D021	IRR	8.911.697,461	720.953,037	193,742	182°17'20"	29°25'35"	34,04	-0,25
C235	IRR	8.911.695,223	720.944,537	194,236	195°12'50"	42°21'05"	37,57	0,24
F027	IRR	8.911.700,043	720.945,217	194,225	196°16'42"	43°24'57"	32,75	0,23
F028	IRR	8.911.708,843	720.946,957	193,936	198°11'46"	45°20'01"	23,83	-0,06
D022	IRR	8.911.726,065	720.961,175	193,726	128°36'22"	335°44'37"	8,67	-0,27
E119	IRR	8.911.726,746	720.955,507	193,796	166°47'42"	13°55'57"	4,86	-0,20
C236	IRR	8.911.726,661	720.952,983	193,932	196°21'36"	43°29'51"	5,02	-0,06
C237	IRR	8.911.733,943	720.954,986	194,064	13°26'08"	220°34'23"	2,54	0,07
E120	IRR	8.911.741,060	720.938,859	194,672	301°39'56"	148°48'11"	18,26	0,68
C238	IRR	8.911.741,868	720.934,772	195,139	297°53'59"	145°02'14"	22,21	1,14
C239	IRR	8.911.742,854	720.939,135	194,777	306°42'16"	153°50'31"	19,04	0,78
D023	IRR	8.911.750,713	720.930,996	195,133	309°25'18"	156°33'33"	30,29	1,14
E121	IRR	8.911.759,905	720.921,275	195,438	310°38'20"	157°46'35"	43,65	1,44
C240	IRR	8.911.758,706	720.917,498	196,033	306°25'30"	153°33'45"	45,86	2,04
C241	IRR	8.911.760,736	720.922,802	195,574	312°48'05"	159°56'20"	43,06	1,58

Nome	Descrição	Norte	Este	Cota
TP014	EST	8.911.777,504	720.910,037	196,344

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F029	IRR	8.911.745,314	720.921,383	195,592	160°35'04"	24°31'40"	34,13	-0,75
E122	IRR	8.911.769,351	720.915,096	195,725	148°10'39"	12°07'15"	9,59	-0,62
E123	IRR	8.911.774,982	720.912,507	195,957	135°35'28"	359°32'04"	3,53	-0,39
C242	IRR	8.911.775,331	720.914,288	196,071	117°04'07"	341°00'43"	4,77	-0,27
C243	IRR	8.911.767,841	720.907,799	196,686	193°02'22"	56°58'58"	9,92	0,34
E124	IRR	8.911.800,046	720.883,586	197,450	310°26'20"	174°22'56"	34,75	1,11
D025	IRR	8.911.799,359	720.882,246	197,555	308°10'57"	172°07'33"	35,36	1,21
D026	IRR	8.911.827,286	720.853,805	198,170	311°31'07"	175°27'43"	75,10	1,83
F030	IRR	8.911.824,510	720.856,420	198,043	311°14'28"	175°11'04"	71,30	1,70

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Nome	Descrição	Norte	Este	Cota
TP014	EST	8.911.777,504	720.910,037	196,344

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F031	IRR	8.911.777,415	720.916,683	196,185	90°46'00"	314°42'36"	6,65	-0,16
F032	IRR	8.911.803,116	720.923,389	196,005	27°32'00"	251°28'36"	28,88	-0,34
C245	IRR	8.911.805,738	720.913,463	196,507	6°55'11"	230°51'47"	28,44	0,16
C246	IRR	8.911.806,457	720.918,413	196,127	16°08'08"	240°04'44"	30,14	-0,22
E125	IRR	8.911.806,500	720.915,831	196,187	11°18'01"	235°14'37"	29,57	-0,16
E126	IRR	8.911.840,535	720.920,763	195,735	9°39'29"	233°36'05"	63,94	-0,61
C247	IRR	8.911.842,342	720.919,034	195,927	7°53'59"	231°50'35"	65,46	-0,42
C248	IRR	8.911.840,564	720.923,153	195,865	11°44'58"	235°41'34"	64,41	-0,48
C249	IRR	8.911.879,711	720.924,750	195,359	8°11'30"	232°08'06"	103,26	-0,99
C250	IRR	8.911.879,093	720.929,244	195,246	10°42'22"	234°38'58"	103,39	-1,10
E127	IRR	8.911.878,853	720.926,871	195,169	9°25'51"	233°22'27"	102,74	-1,17
E128	IRR	8.911.919,625	720.933,403	195,268	9°20'12"	233°16'48"	144,03	-1,08
C251	IRR	8.911.921,160	720.931,101	195,455	8°20'30"	232°17'06"	145,19	-0,89
C252	IRR	8.911.918,751	720.935,917	195,414	10°22'59"	234°19'35"	143,60	-0,93
F033	IRR	8.911.922,482	720.928,453	195,571	7°14'22"	231°10'58"	146,14	-0,77
F034	IRR	8.911.953,240	720.943,713	195,920	10°50'53"	234°47'29"	178,93	-0,42
C253	IRR	8.911.953,610	720.934,219	196,589	7°49'08"	231°45'44"	177,76	0,25
C254	IRR	8.911.956,266	720.938,700	196,023	9°06'34"	233°03'10"	181,05	-0,32
E129	IRR	8.911.957,518	720.937,110	195,952	8°33'10"	232°29'46"	182,04	-0,39

Nome	Descrição	Norte	Este	Cota
TP015	EST	8.911.998,602	720.941,881	196,659

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E130	IRR	8.912.007,893	720.975,780	196,372	74°40'23"	246°28'38"	35,15	-0,29
C255	IRR	8.912.010,913	720.974,788	196,669	69°29'14"	241°17'29"	35,13	0,01
C256	IRR	8.912.005,325	720.977,303	196,306	79°15'10"	251°03'25"	36,05	-0,35
C257	IRR	8.912.009,071	720.965,926	197,026	66°28'19"	238°16'34"	26,23	0,37
C258	IRR	8.912.002,471	720.963,622	196,645	79°54'30"	251°42'45"	22,08	-0,01
C259	IRR	8.912.003,790	720.937,762	196,780	321°33'10"	133°21'25"	6,62	0,12
C260	IRR	8.911.997,890	720.942,496	196,839	139°10'18"	310°58'33"	0,94	0,18
C261	IRR	8.911.996,330	720.936,093	196,652	248°34'16"	60°22'31"	6,22	-0,01
C262	IRR	8.912.000,964	720.924,277	196,915	277°38'30"	89°26'45"	17,76	0,26
C263	IRR	8.912.007,035	720.924,332	197,301	295°40'03"	107°28'18"	19,47	0,64
E135	IRR	8.912.005,294	720.962,406	196,623	71°56'30"	243°44'45"	21,59	-0,04
E136	IRR	8.912.000,765	720.938,953	196,587	306°27'55"	118°16'10"	3,64	-0,07
F035	IRR	8.912.007,541	720.933,760	197,085	317°44'50"	129°33'05"	12,08	0,43
F036	IRR	8.912.008,666	720.928,502	197,244	306°56'59"	118°45'14"	16,74	0,59
C264	IRR	8.911.996,889	720.906,348	197,378	267°14'24"	79°02'39"	35,57	0,72
C265	IRR	8.911.986,525	720.901,758	197,432	253°14'55"	65°03'10"	41,90	0,77
E137	IRR	8.911.991,091	720.899,931	197,319	259°50'59"	71°39'14"	42,62	0,66
E138	IRR	8.911.981,540	720.877,942	197,623	255°03'32"	66°51'47"	66,18	0,96
C266	IRR	8.911.984,278	720.876,357	197,890	257°40'09"	69°28'24"	67,07	1,23
C267	IRR	8.911.978,548	720.879,563	197,776	252°09'44"	63°57'59"	65,47	1,12

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Nome	Descrição	Norte	Este	Cota
TP001	EST	8.911.864,050	721.528,059	181,394

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F037	IRR	8.911.855,822	721.576,685	178,674	99°36'15"	349°11'08"	49,32	-2,72
F038	IRR	8.911.861,851	721.552,848	179,709	95°04'06"	344°38'59"	24,89	-1,69
F039	IRR	8.911.864,666	721.543,536	180,211	87°43'06"	337°17'59"	15,49	-1,18
E139	IRR	8.911.857,573	721.540,779	180,862	116°59'12"	6°34'05"	14,27	-0,53
C268	IRR	8.911.854,257	721.540,236	181,685	128°48'30"	18°23'23"	15,63	0,29
C269	IRR	8.911.858,504	721.525,052	181,961	208°28'13"	98°03'06"	6,31	0,57
C270	IRR	8.911.864,386	721.525,595	181,684	277°45'49"	167°20'42"	2,49	0,29
E140	IRR	8.911.860,670	721.525,695	181,692	214°58'13"	104°33'06"	4,12	0,30
F040	IRR	8.911.871,541	721.515,764	182,032	301°21'16"	190°56'09"	14,40	0,64
E141	IRR	8.911.866,988	721.493,355	183,823	274°50'20"	164°25'13"	34,83	2,43
C271	IRR	8.911.863,515	721.493,390	183,924	269°06'58"	158°41'51"	34,67	2,53
C272	IRR	8.911.869,231	721.494,864	183,803	278°52'18"	168°27'11"	33,60	2,41
C273	IRR	8.911.870,821	721.481,340	184,582	278°14'49"	167°49'42"	47,21	3,19
C274	IRR	8.911.865,188	721.470,332	185,188	271°07'46"	160°42'39"	57,74	3,79
E142	IRR	8.911.868,975	721.472,920	184,747	275°06'15"	164°41'08"	55,36	3,35
F041	IRR	8.911.883,606	721.470,875	184,065	288°52'48"	178°27'41"	60,44	2,67
F042	IRR	8.911.877,704	721.445,664	185,680	279°24'35"	168°59'28"	83,52	4,29
D026	IRR	8.911.867,252	721.453,957	186,068	272°28'28"	162°03'21"	74,17	4,67
E143	IRR	8.911.871,227	721.448,686	185,744	275°10'02"	164°44'55"	79,70	4,35

Nome	Descrição	Norte	Este	Cota
TP080	EST	8.911.866,061	721.426,601	187,081

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F043	IRR	8.911.878,130	721.426,143	186,350	357°49'42"	266°41'33"	12,08	-0,73
F044	IRR	8.911.880,679	721.416,560	185,937	325°30'54"	234°22'45"	17,73	-1,14
C275	IRR	8.911.876,725	721.439,757	185,928	50°58'27"	319°50'18"	16,94	-1,15
C276	IRR	8.911.877,150	721.421,835	186,440	336°44'29"	245°36'20"	12,07	-0,64
D027	IRR	8.911.870,755	721.414,423	186,742	291°04'44"	199°56'35"	13,05	-0,34
E144	IRR	8.911.872,847	721.422,301	186,455	327°38'19"	236°30'10"	8,03	-0,63
E145	IRR	8.911.859,120	721.424,248	187,572	198°43'18"	107°35'09"	7,33	0,49
F045	IRR	8.911.856,253	721.417,299	188,233	223°28'53"	132°20'44"	13,52	1,15
F046	IRR	8.911.835,367	721.453,173	188,187	139°07'00"	47°58'51"	40,60	1,11
D028	IRR	8.911.831,809	721.427,855	189,028	177°54'08"	86°45'59"	34,28	1,95
C277	IRR	8.911.830,848	721.424,477	189,530	183°27'07"	92°18'58"	35,28	2,45
E146	IRR	8.911.835,037	721.431,808	188,730	170°28'19"	79°20'10"	31,46	1,65
E147	IRR	8.911.811,264	721.439,605	189,523	166°38'58"	75°30'49"	56,32	2,44
F047	IRR	8.911.807,336	721.434,803	190,016	172°02'57"	80°54'48"	59,30	2,93
F048	IRR	8.911.792,869	721.440,527	189,889	169°13'37"	78°05'28"	74,51	2,81
D029	IRR	8.911.799,080	721.439,014	189,932	169°30'02"	78°21'53"	68,12	2,85
D030	IRR	8.911.765,763	721.450,776	189,799	166°26'54"	75°18'45"	103,17	2,72
F049	IRR	8.911.765,132	721.445,307	189,888	169°29'59"	78°21'50"	102,65	2,81
E149	IRR	8.911.768,835	721.454,763	189,535	163°50'45"	72°42'36"	101,22	2,45
E148	IRR	8.911.796,179	721.444,755	189,924	165°26'13"	74°18'04"	72,20	2,84
E150	IRR	8.911.878,324	721.394,343	187,002	290°48'52"	199°40'43"	34,51	-0,08

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Nome	Descrição	Norte	Este	Cota
TP080	EST	8.911.866,061	721.426,601	187,081

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C278	IRR	8.911.880,792	721.394,920	187,205	294°56'15"	203°48'06"	34,94	0,12
C279	IRR	8.911.874,975	721.392,326	187,449	284°34'39"	193°26'30"	35,42	0,37
C280	IRR	8.911.879,310	721.375,225	187,231	284°27'37"	193°19'28"	53,06	0,15
F050	IRR	8.911.888,201	721.378,523	186,617	294°43'34"	203°35'25"	52,93	-0,46
F051	IRR	8.911.889,038	721.369,515	186,505	291°55'28"	200°47'19"	61,54	-0,58
C281	IRR	8.911.888,607	721.364,610	187,207	289°59'08"	198°50'59"	65,96	0,13
C282	IRR	8.911.881,486	721.362,836	187,632	283°35'55"	192°27'46"	65,60	0,55
E151	IRR	8.911.885,778	721.363,833	187,118	287°26'17"	196°18'08"	65,79	0,04
E152	IRR	8.911.893,031	721.334,038	187,179	286°14'39"	195°06'30"	96,41	0,10
C284	IRR	8.911.888,642	721.336,840	187,733	284°07'13"	192°59'04"	92,56	0,65
C283	IRR	8.911.895,298	721.338,588	187,293	288°22'32"	197°14'23"	92,74	0,21
C285	IRR	8.911.902,737	721.309,413	187,636	287°22'41"	196°14'32"	122,79	0,55
C286	IRR	8.911.896,776	721.307,463	187,912	284°27'23"	193°19'14"	123,03	0,83
E153	IRR	8.911.900,110	721.308,309	187,502	286°03'28"	194°55'19"	123,09	0,42
D031	IRR	8.911.898,785	721.301,061	188,005	284°36'35"	193°28'26"	129,73	0,92
E154	IRR	8.911.906,930	721.281,496	187,882	285°43'47"	194°35'38"	150,75	0,80
C287	IRR	8.911.909,998	721.282,259	188,203	286°55'47"	195°47'38"	150,88	1,12
C288	IRR	8.911.904,173	721.279,924	188,318	284°33'55"	193°25'46"	151,55	1,24
C289	IRR	8.911.914,328	721.263,972	188,576	286°31'49"	195°23'40"	169,64	1,49
C290	IRR	8.911.908,946	721.261,837	188,504	284°35'21"	193°27'12"	170,25	1,42
C291	IRR	8.911.907,861	721.255,362	188,611	283°43'04"	192°34'55"	176,27	1,53
C292	IRR	8.911.897,312	721.248,718	189,147	279°57'50"	188°49'41"	180,61	2,07
C293	IRR	8.911.898,877	721.242,625	189,882	280°06'48"	188°58'39"	186,88	2,80
E155	IRR	8.911.898,082	721.245,935	189,126	280°03'02"	188°54'53"	183,48	2,04
C294	IRR	8.911.902,817	721.243,562	189,547	281°21'16"	190°13'07"	186,69	2,47
E156	IRR	8.911.915,053	721.250,401	188,386	285°32'18"	194°24'09"	182,88	1,31
C295	IRR	8.911.917,298	721.251,617	188,830	286°19'13"	195°11'04"	182,33	1,75
F052	IRR	8.911.907,447	721.235,797	189,139	282°14'16"	191°06'07"	195,24	2,06
D032	IRR	8.911.914,985	721.238,208	188,633	284°33'27"	193°25'18"	194,64	1,55

Nome	Descrição	Norte	Este	Cota
TP081	EST	8.911.934,964	721.178,151	190,563

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C296	IRR	8.911.927,006	721.220,379	189,240	100°40'20"	355°10'19"	42,97	-1,32
AV001	IRR	8.911.911,877	721.227,992	189,579	114°51'13"	9°21'12"	54,93	-0,98
AV002	IRR	8.911.917,288	721.215,262	189,796	115°28'04"	9°58'03"	41,11	-0,77
E157	IRR	8.911.924,219	721.218,537	189,074	104°53'53"	359°23'52"	41,79	-1,49
E158	IRR	8.911.930,240	721.201,405	189,501	101°28'56"	355°58'55"	23,73	-1,06
C297	IRR	8.911.932,736	721.201,592	189,716	95°25'41"	349°55'40"	23,55	-0,85
D033	IRR	8.911.926,711	721.199,467	189,655	111°09'51"	5°39'50"	22,86	-0,91
F053	IRR	8.911.923,820	721.196,993	189,815	120°36'08"	15°06'07"	21,89	-0,75
AV003	IRR	8.911.929,763	721.190,251	189,903	113°15'25"	7°45'24"	13,17	-0,66
C298	IRR	8.911.945,460	721.176,300	190,340	349°59'53"	244°29'52"	10,66	-0,22
C299	IRR	8.911.936,694	721.173,343	190,662	289°47'15"	184°17'14"	5,11	0,10

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Nome	Descrição	Norte	Este	Cota
TP081	EST	8.911.934,964	721.178,151	190,563

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E159	IRR	8.911.941,579	721.175,207	190,160	336°00'30"	230°30'29"	7,24	-0,40
D034	IRR	8.911.940,743	721.166,892	190,762	297°10'28"	191°40'27"	12,66	0,20
C300	IRR	8.911.963,362	721.147,561	191,493	312°52'19"	207°22'18"	41,74	0,93
C301	IRR	8.911.954,520	721.140,975	191,590	297°44'48"	192°14'47"	42,01	1,03
E160	IRR	8.911.961,351	721.142,931	191,354	306°50'29"	201°20'28"	44,01	0,79
E161	IRR	8.911.986,373	721.108,615	192,974	306°28'34"	200°58'33"	86,48	2,41
F054	IRR	8.911.994,747	721.114,485	192,670	313°11'55"	207°41'54"	87,34	2,11
C302	IRR	8.911.972,610	721.132,519	192,371	309°31'22"	204°01'21"	59,16	1,81
AV004	IRR	8.911.972,471	721.112,898	193,092	299°53'25"	194°23'24"	75,26	2,53
F055	IRR	8.911.972,242	721.107,540	192,915	297°49'53"	192°19'52"	79,85	2,35
D035	IRR	8.911.975,951	721.108,387	192,843	300°26'06"	194°56'05"	80,91	2,28
C306	IRR	8.911.986,233	721.097,386	193,634	302°24'26"	196°54'25"	95,66	3,07
C303	IRR	8.912.001,789	721.101,066	193,318	310°55'21"	205°25'20"	102,02	2,75
E162	IRR	8.911.995,350	721.092,896	193,282	305°18'37"	199°48'36"	104,47	2,72
F056	IRR	8.912.008,406	721.085,234	193,709	308°19'24"	202°49'23"	118,44	3,15
D036	IRR	8.911.994,721	721.080,050	193,852	301°20'50"	195°50'49"	114,87	3,29
C304	IRR	8.912.009,885	721.081,834	193,670	307°52'41"	202°22'40"	122,03	3,11
C305	IRR	8.912.005,996	721.071,237	194,005	303°35'59"	198°05'58"	128,36	3,44
C307	IRR	8.912.000,350	721.062,412	194,171	299°27'51"	193°57'50"	132,93	3,61
E163	IRR	8.912.005,007	721.065,178	193,911	301°47'56"	196°17'55"	132,92	3,35

Nome	Descrição	Norte	Este	Cota
TP082	EST	8.912.035,022	721.019,866	195,509

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F057	IRR	8.911.988,819	721.058,779	194,388	139°53'46"	17°35'50"	60,41	-1,12
F058	IRR	8.911.991,583	721.049,567	194,569	145°38'20"	23°20'24"	52,62	-0,94
D037	IRR	8.912.003,984	721.046,918	194,524	138°55'33"	16°37'37"	41,17	-0,98
C308	IRR	8.912.001,957	721.047,103	194,564	140°31'16"	18°13'20"	42,84	-0,94
F059	IRR	8.911.995,462	721.037,464	195,040	156°01'06"	33°43'10"	43,30	-0,47
E164	IRR	8.912.007,970	721.057,193	194,207	125°55'55"	3°37'59"	46,10	-1,30
E165	IRR	8.912.015,965	721.037,488	194,715	137°14'29"	14°56'33"	25,96	-0,79
C309	IRR	8.912.004,393	721.032,377	195,150	157°46'57"	35°29'01"	33,09	-0,36
D038	IRR	8.912.026,859	721.033,702	194,939	120°32'31"	358°14'35"	16,06	-0,57
F060	IRR	8.912.028,917	721.039,371	194,873	107°22'54"	345°04'58"	20,44	-0,64
F061	IRR	8.912.033,727	721.029,747	195,301	97°28'16"	335°10'20"	9,97	-0,21
F062	IRR	8.911.999,929	721.020,995	195,336	178°09'26"	55°51'30"	35,11	-0,17
F063	IRR	8.912.001,516	721.015,736	195,574	187°01'40"	64°43'44"	33,76	0,07
F064	IRR	8.912.002,789	721.000,081	196,058	211°32'32"	89°14'36"	37,82	0,55
D039	IRR	8.912.009,543	721.010,761	195,598	199°39'49"	77°21'53"	27,06	0,09
E166	IRR	8.912.014,634	721.011,324	195,495	202°43'53"	80°25'57"	22,11	-0,01
C310	IRR	8.912.008,782	721.015,705	195,412	189°00'37"	66°42'41"	26,57	-0,10
C311	IRR	8.912.017,621	721.007,202	196,013	216°02'43"	93°44'47"	21,52	0,50
C312	IRR	8.912.032,753	721.015,725	195,591	241°16'39"	118°58'43"	4,72	0,08
C313	IRR	8.912.039,236	721.018,051	195,616	336°41'47"	214°23'51"	4,59	0,11

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Nome	Descrição	Norte	Este	Cota
TP082	EST	8.912.035,022	721.019,866	195,509

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E167	IRR	8.912.035,461	721.015,291	195,511	275°28'57"	153°11'01"	4,60	0,00
E168	IRR	8.912.044,272	720.999,323	195,963	294°14'21"	171°56'25"	22,53	0,45
C315	IRR	8.912.044,714	721.004,152	195,831	301°39'48"	179°21'52"	18,46	0,32
C316	IRR	8.912.043,285	720.994,740	196,075	288°12'09"	165°54'13"	26,45	0,57
F065	IRR	8.912.052,909	720.997,843	195,888	309°05'00"	186°47'04"	28,37	0,38
F066	IRR	8.912.039,621	720.988,656	196,166	278°22'56"	156°05'00"	31,55	0,66
F067	IRR	8.912.040,941	720.984,203	196,311	279°25'22"	157°07'26"	36,15	0,80
C317	IRR	8.912.050,731	720.967,799	197,000	286°47'20"	164°29'24"	54,39	1,49
C318	IRR	8.912.058,678	720.971,173	196,859	295°54'40"	173°36'44"	54,14	1,35
D040	IRR	8.912.056,937	720.973,494	196,849	295°17'41"	172°59'45"	51,29	1,34
E169	IRR	8.912.053,925	720.971,064	196,811	291°10'21"	168°52'25"	52,34	1,30
F068	IRR	8.912.064,907	720.955,695	197,248	294°58'17"	172°40'21"	70,79	1,74
D041	IRR	8.912.065,617	720.949,911	197,815	293°37'18"	171°19'22"	76,35	2,31
C319	IRR	8.912.067,286	720.945,034	198,345	293°19'24"	171°01'28"	81,49	2,84
C320	IRR	8.912.061,670	720.944,611	198,395	289°29'56"	167°12'00"	79,83	2,89
C321	IRR	8.912.055,066	720.943,125	198,010	284°38'17"	162°20'21"	79,32	2,50
E170	IRR	8.912.059,275	720.946,105	197,928	288°12'03"	165°54'07"	77,65	2,42
E171	IRR	8.912.066,868	720.899,542	199,111	284°49'28"	162°31'32"	124,47	3,60
C322	IRR	8.912.069,608	720.900,149	199,352	286°06'49"	163°48'53"	124,61	3,84
C323	IRR	8.912.064,323	720.896,209	199,235	283°19'50"	161°01'54"	127,08	3,73
C324	IRR	8.912.083,744	720.873,537	199,717	288°24'56"	166°07'00"	154,23	4,21
C325	IRR	8.912.078,600	720.871,491	199,682	286°22'03"	164°04'07"	154,64	4,17
E172	IRR	8.912.080,948	720.872,837	199,588	287°20'48"	165°02'52"	154,03	4,08
E173	IRR	8.912.096,914	720.845,567	200,381	289°32'58"	167°15'02"	184,96	4,87
C326	IRR	8.912.101,364	720.844,254	200,646	290°41'43"	168°23'47"	187,73	5,14
C327	IRR	8.912.094,426	720.844,531	200,542	288°42'59"	166°25'03"	185,13	5,03

Nome	Descrição	Norte	Este	Cota
TP083	EST	8.912.119,871	720.784,436	201,607

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E174	IRR	8.912.108,121	720.825,518	200,955	105°57'40"	356°08'31"	42,73	-0,65
H001	IRR	8.912.116,438	720.813,309	201,356	96°46'49"	346°57'40"	29,08	-0,25
D042	IRR	8.912.117,403	720.812,254	201,359	95°04'13"	345°15'04"	27,93	-0,25
F069	IRR	8.912.115,725	720.819,472	201,191	96°44'55"	346°55'46"	35,28	-0,42
F070	IRR	8.912.121,569	720.806,495	201,890	85°35'56"	335°46'47"	22,12	0,28
CA001	IRR	8.912.121,966	720.805,653	201,871	84°21'42"	334°32'33"	21,32	0,26
CA002	IRR	8.912.124,103	720.800,741	201,915	75°27'03"	325°37'54"	16,84	0,31
CA003	IRR	8.912.129,814	720.803,267	201,911	62°09'51"	312°20'42"	21,29	0,30
AV005	IRR	8.912.111,250	720.802,978	201,602	114°56'11"	5°07'02"	20,45	0,00
D043	IRR	8.912.130,591	720.783,077	201,798	352°46'24"	242°57'15"	10,81	0,19
F071	IRR	8.912.135,092	720.782,037	201,778	351°02'30"	241°13'21"	15,41	0,17
F072	IRR	8.912.164,301	720.801,322	200,955	20°48'33"	270°59'24"	47,53	-0,65
F073	IRR	8.912.186,442	720.835,988	198,843	37°45'13"	287°56'04"	84,20	-2,76
D044	IRR	8.912.174,657	720.831,776	199,947	40°49'46"	291°00'37"	72,41	-1,66

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Nome	Descrição	Norte	Este	Cota
TP083	EST	8.912.119,871	720.784,436	201,607

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
AV006	IRR	8.912.166,221	720.818,965	200,668	36°41'04"	286°51'55"	57,80	-0,94
E175	IRR	8.912.170,930	720.819,477	200,266	34°27'39"	284°38'30"	61,93	-1,34
E176	IRR	8.912.145,666	720.804,751	201,337	38°13'18"	288°24'09"	32,83	-0,27
E177	IRR	8.912.121,558	720.792,088	201,518	77°34'00"	327°44'51"	7,84	-0,09
F074	IRR	8.912.116,114	720.779,015	201,902	235°16'30"	125°27'21"	6,60	0,30
F075	IRR	8.912.109,823	720.778,823	201,616	209°11'29"	99°22'20"	11,51	0,01
F076	IRR	8.912.100,728	720.778,878	201,462	196°11'29"	86°22'20"	19,93	-0,14
D045	IRR	8.912.103,507	720.782,075	201,471	188°12'34"	78°23'25"	16,53	-0,14
E178	IRR	8.912.103,957	720.786,709	201,422	171°52'23"	62°03'14"	16,08	-0,19
E179	IRR	8.912.074,302	720.786,034	200,904	177°59'30"	68°10'21"	45,60	-0,70
D046	IRR	8.912.074,372	720.781,503	200,887	183°41'19"	73°52'10"	45,59	-0,72
F178	IRR	8.912.076,236	720.779,667	200,918	186°14'17"	76°25'08"	43,89	-0,69
F179	IRR	8.912.067,053	720.780,271	200,925	184°30'31"	74°41'22"	52,98	-0,68
C328	IRR	8.912.059,550	720.781,827	200,808	182°28'35"	72°39'26"	60,38	-0,80
C329	IRR	8.912.056,986	720.787,840	200,721	176°54'07"	67°04'58"	62,98	-0,89
C330	IRR	8.912.050,185	720.779,974	200,679	183°39'49"	73°50'40"	69,83	-0,93
C331	IRR	8.912.049,883	720.785,041	200,666	179°30'17"	69°41'08"	69,99	-0,94
E180	IRR	8.912.050,994	720.781,913	200,594	182°05'54"	72°16'45"	68,92	-1,01
E181	IRR	8.912.058,621	720.784,309	200,715	180°07'09"	70°18'00"	61,25	-0,89
F180	IRR	8.912.062,680	720.804,773	200,537	160°25'30"	50°36'21"	60,70	-1,07
D047	IRR	8.912.064,832	720.802,257	200,561	162°03'33"	52°14'24"	57,85	-1,05
P5482	IRR	8.912.130,044	720.787,519	201,737	16°51'26"	199°59'25"	10,63	0,13
P5483	IRR	8.912.128,811	720.791,863	201,641	39°43'05"	222°51'04"	11,62	0,03
P5484	IRR	8.912.127,187	720.796,592	201,711	58°57'28"	242°05'27"	14,19	0,10
P5485	IRR	8.912.131,753	720.798,305	201,802	49°24'40"	232°32'39"	18,26	0,20
P5486	IRR	8.912.133,597	720.794,237	201,649	35°31'37"	218°39'36"	16,87	0,04
P5487	IRR	8.912.134,668	720.790,743	201,644	23°05'03"	206°13'02"	16,08	0,04
P5488	IRR	8.912.135,624	720.787,899	201,691	12°23'54"	195°31'53"	16,13	0,08
P5489	IRR	8.912.140,371	720.789,702	201,616	14°24'15"	197°32'14"	21,17	0,01
P5490	IRR	8.912.144,874	720.790,986	201,594	14°40'43"	197°48'42"	25,85	-0,01
P5491	IRR	8.912.138,762	720.793,708	201,593	26°08'32"	209°16'31"	21,04	-0,01
P5492	IRR	8.912.143,112	720.795,024	201,576	24°29'34"	207°37'33"	25,54	-0,03
P5493	IRR	8.912.136,500	720.797,753	201,533	38°41'21"	221°49'20"	21,30	-0,07
P5494	IRR	8.912.141,616	720.799,384	201,478	34°30'18"	217°38'17"	26,39	-0,13
P5495	IRR	8.912.134,360	720.801,843	201,712	50°13'37"	233°21'36"	22,65	0,11
P5496	IRR	8.912.140,870	720.803,704	201,391	42°32'20"	225°40'19"	28,50	-0,22
P5497	IRR	8.912.133,504	720.804,727	201,607	56°06'14"	239°14'13"	24,45	0,00
P5498	IRR	8.912.138,233	720.807,565	201,326	51°33'16"	234°41'15"	29,53	-0,28
P5499	IRR	8.912.133,467	720.811,139	201,603	63°01'00"	246°08'59"	29,97	0,00
P5500	IRR	8.912.136,687	720.811,938	201,440	58°33'20"	241°41'19"	32,24	-0,17
P5501	IRR	8.912.135,571	720.815,304	201,598	63°02'31"	246°10'30"	34,63	-0,01
P5502	IRR	8.912.139,454	720.820,632	201,245	61°35'08"	244°43'07"	41,15	-0,36
P5503	IRR	8.912.143,589	720.828,683	200,968	61°48'25"	244°56'24"	50,20	-0,64
P5504	IRR	8.912.141,137	720.816,537	201,337	56°28'32"	239°36'31"	38,51	-0,27
P5505	IRR	8.912.145,825	720.824,189	201,002	56°51'37"	239°59'36"	47,48	-0,61

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Nome	Descrição	Norte	Este	Cota
TP083	EST	8.912.119,871	720.784,436	201,607

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
P5506	IRR	8.912.142,626	720.812,476	201,371	50°56'26"	234°04'25"	36,11	-0,24
P5507	IRR	8.912.147,201	720.819,585	201,280	52°07'59"	235°15'58"	44,52	-0,33
P5508	IRR	8.912.148,563	720.815,202	201,220	46°59'51"	230°07'50"	42,07	-0,39
P5509	IRR	8.912.144,567	720.807,729	201,326	43°19'28"	226°27'27"	33,95	-0,28
P5510	IRR	8.912.149,736	720.810,355	201,289	40°57'13"	224°05'12"	39,54	-0,32
P5511	IRR	8.912.146,632	720.802,780	201,333	34°25'46"	217°33'45"	32,44	-0,27
P5512	IRR	8.912.150,899	720.805,579	201,323	34°16'16"	217°24'15"	37,55	-0,28
P5513	IRR	8.912.148,231	720.798,186	201,376	25°51'51"	208°59'50"	31,52	-0,23
P5514	IRR	8.912.152,038	720.800,605	201,378	26°41'11"	209°49'10"	36,00	-0,23
P5515	IRR	8.912.149,619	720.793,499	201,469	16°56'34"	200°04'33"	31,10	-0,14
P5516	IRR	8.912.153,890	720.795,012	201,416	17°16'06"	200°24'05"	35,63	-0,19
P5517	IRR	8.912.158,140	720.796,498	201,254	17°29'37"	200°37'36"	40,12	-0,35
P5518	IRR	8.912.161,669	720.797,992	201,095	17°58'06"	201°06'05"	43,94	-0,51
P5519	IRR	8.912.157,115	720.800,842	201,211	23°46'24"	206°54'23"	40,70	-0,40
P5520	IRR	8.912.161,401	720.802,439	201,032	23°26'11"	206°34'10"	45,26	-0,57
P5521	IRR	8.912.155,778	720.805,362	201,171	30°13'57"	213°21'56"	41,56	-0,44
P5522	IRR	8.912.160,654	720.808,045	201,040	30°03'58"	213°11'57"	47,12	-0,57
P5523	IRR	8.912.154,520	720.809,971	201,177	36°23'21"	219°31'20"	43,04	-0,43
P5524	IRR	8.912.159,718	720.812,590	200,847	35°14'35"	218°22'34"	48,79	-0,76
P5525	IRR	8.912.153,298	720.814,932	201,068	42°22'29"	225°30'28"	45,25	-0,54
P5526	IRR	8.912.158,879	720.817,074	200,721	39°55'10"	223°03'09"	50,86	-0,89
P5527	IRR	8.912.152,311	720.819,600	201,031	47°18'26"	230°26'25"	47,84	-0,58
P5528	IRR	8.912.158,410	720.821,800	200,743	44°06'46"	227°14'45"	53,68	-0,86
P5529	IRR	8.912.151,056	720.824,425	200,981	52°03'05"	235°11'04"	50,71	-0,63
P5530	IRR	8.912.158,061	720.826,450	200,707	47°43'46"	230°51'45"	56,78	-0,90
P5531	IRR	8.912.150,389	720.828,945	200,804	55°33'46"	238°41'45"	53,97	-0,80
P5532	IRR	8.912.157,854	720.830,356	200,578	50°24'14"	233°32'13"	59,59	-1,03
P5533	IRR	8.912.149,505	720.834,964	200,555	59°36'31"	242°44'30"	58,58	-1,05
P5534	IRR	8.912.157,808	720.834,355	200,488	52°45'58"	235°53'57"	62,70	-1,12
P5535	IRR	8.912.162,360	720.834,437	200,365	49°38'33"	232°46'32"	65,62	-1,24
P5536	IRR	8.912.166,910	720.834,628	199,992	46°51'26"	229°59'25"	68,79	-1,61
P5537	IRR	8.912.162,722	720.828,958	200,423	46°05'44"	229°13'43"	61,79	-1,18
P5538	IRR	8.912.167,024	720.830,000	200,198	44°01'04"	227°09'03"	65,57	-1,41
P5539	IRR	8.912.162,986	720.824,094	200,472	42°36'30"	225°44'29"	58,58	-1,13
P5540	IRR	8.912.167,060	720.825,370	200,282	40°56'24"	224°04'23"	62,47	-1,33
P5541	IRR	8.912.163,806	720.818,020	200,718	37°23'37"	220°31'36"	55,30	-0,89
P5542	IRR	8.912.167,171	720.820,991	200,299	37°41'52"	220°49'51"	59,78	-1,31
P5543	IRR	8.912.164,201	720.812,587	200,876	32°24'58"	215°32'57"	52,51	-0,73
P5544	IRR	8.912.167,927	720.815,677	200,713	33°01'40"	216°09'39"	57,32	-0,89

Nome	Descrição	Norte	Este	Cota
TP084	EST	8.911.943,076	720.794,113	199,463

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F181	IRR	8.912.137,030	720.840,069	200,630	13°19'47"	312°12'03"	199,32	1,17

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Nome	Descrição	Norte	Este	Cota
TP084	EST	8.911.943,076	720.794,113	199,463

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
D048	IRR	8.912.138,987	720.837,708	200,593	12°32'42"	311°24'58"	200,70	1,13
F182	IRR	8.912.075,605	720.846,698	200,322	21°38'31"	320°30'47"	142,58	0,86
E182	IRR	8.912.084,824	720.832,179	200,539	15°01'54"	313°54'10"	146,77	1,08
E183	IRR	8.912.072,123	720.838,987	200,316	19°10'26"	318°02'42"	136,63	0,85
C332	IRR	8.912.071,546	720.836,163	200,291	18°07'26"	316°59'42"	135,18	0,83
C333	IRR	8.912.045,873	720.842,943	199,603	25°24'30"	324°16'46"	113,80	0,14
F183	IRR	8.912.061,306	720.848,672	199,942	24°46'17"	323°38'33"	130,21	0,48
F184	IRR	8.912.049,469	720.850,001	199,571	27°42'45"	326°35'01"	120,18	0,11
E184	IRR	8.912.046,393	720.843,349	199,582	25°28'48"	324°21'04"	114,45	0,12
E185	IRR	8.912.019,253	720.846,837	198,875	34°41'16"	333°33'32"	92,64	-0,59
C334	IRR	8.912.054,503	720.840,274	199,781	22°30'09"	321°22'25"	120,61	0,32
C335	IRR	8.912.019,647	720.848,079	199,006	35°10'32"	334°02'48"	93,68	-0,46
C336	IRR	8.912.018,061	720.844,874	199,054	34°05'44"	332°58'00"	90,55	-0,41
C337	IRR	8.912.039,454	720.844,052	199,517	27°23'27"	326°15'43"	108,55	0,05
C338	IRR	8.912.031,493	720.845,216	199,518	30°01'36"	328°53'52"	102,12	0,06
F185	IRR	8.912.010,778	720.852,454	198,659	40°45'08"	339°37'24"	89,37	-0,80
F186	IRR	8.911.999,621	720.855,359	198,418	47°17'06"	346°09'22"	83,36	-1,04
D049	IRR	8.911.997,616	720.853,661	198,412	47°30'47"	346°23'03"	80,75	-1,05
E186	IRR	8.911.996,132	720.852,613	198,431	47°47'37"	346°39'53"	78,98	-1,03
C339	IRR	8.911.995,209	720.850,463	198,534	47°13'33"	346°05'49"	76,77	-0,93
C340	IRR	8.911.996,224	720.855,057	198,379	48°54'32"	347°46'48"	80,86	-1,08
C341	IRR	8.911.978,786	720.860,856	198,116	61°51'06"	0°43'22"	75,70	-1,35
C342	IRR	8.911.973,513	720.855,822	197,961	63°44'45"	2°37'02"	68,81	-1,50
C343	IRR	8.911.967,813	720.861,706	197,997	69°53'55"	8°46'12"	71,98	-1,47
C344	IRR	8.911.963,221	720.859,139	198,015	72°47'12"	11°39'29"	68,07	-1,45
E187	IRR	8.911.971,315	720.860,644	197,819	67°00'05"	5°52'22"	72,28	-1,64
E188	IRR	8.911.959,525	720.838,003	198,230	69°27'19"	8°19'36"	46,87	-1,23
C345	IRR	8.911.956,834	720.838,790	198,490	72°53'03"	11°45'20"	46,75	-0,97
C346	IRR	8.911.963,762	720.836,438	198,565	63°57'13"	2°49'30"	47,11	-0,90
C347	IRR	8.911.952,173	720.824,796	198,809	73°29'08"	12°21'25"	32,00	-0,65
C348	IRR	8.911.958,284	720.822,630	198,922	61°55'48"	0°48'05"	32,32	-0,54
F187	IRR	8.911.974,927	720.879,068	197,664	69°26'54"	8°19'11"	90,73	-1,80
E189	IRR	8.911.954,439	720.824,098	198,625	69°14'46"	8°07'03"	32,07	-0,84
E190	IRR	8.911.947,279	720.798,761	199,105	47°52'41"	346°44'58"	6,27	-0,36
C350	IRR	8.911.950,245	720.798,291	199,346	30°13'42"	329°05'59"	8,30	-0,12
C349	IRR	8.911.944,454	720.799,776	199,335	76°19'26"	15°11'43"	5,83	-0,13
F188	IRR	8.911.936,423	720.801,096	199,096	133°36'50"	72°29'07"	9,64	-0,37
F189	IRR	8.911.909,235	720.761,755	199,857	223°43'01"	162°35'18"	46,82	0,39
D050	IRR	8.911.940,370	720.786,996	199,529	249°10'44"	188°03'01"	7,61	0,07
C351	IRR	8.911.935,898	720.773,852	199,845	250°29'33"	189°21'50"	21,50	0,38
C352	IRR	8.911.943,524	720.772,641	199,816	271°11'37"	210°03'54"	21,48	0,35
E191	IRR	8.911.939,785	720.773,446	199,642	260°57'03"	199°49'20"	20,93	0,18
E192	IRR	8.911.938,039	720.762,377	199,867	260°58'52"	199°51'09"	32,13	0,40
C353	IRR	8.911.933,964	720.761,434	200,111	254°25'11"	193°17'28"	33,93	0,65
C354	IRR	8.911.941,559	720.762,496	199,811	267°15'08"	206°07'25"	31,65	0,35

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Nome	Descrição	Norte	Este	Cota
TP084	EST	8.911.943,076	720.794,113	199,463

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F190	IRR	8.911.943,729	720.757,741	200,113	271°01'39"	209°53'56"	36,38	0,65
C355	IRR	8.911.935,022	720.744,762	200,686	260°43'50"	199°36'07"	50,00	1,22
C356	IRR	8.911.942,523	720.751,762	200,182	269°15'03"	208°07'20"	42,36	0,72
E193	IRR	8.911.938,763	720.744,595	200,200	265°01'20"	203°53'37"	49,71	0,74

Nome	Descrição	Norte	Este	Cota
TP085	EST	8.911.938,506	720.713,189	201,262

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C357	IRR	8.911.943,005	720.746,212	200,484	82°14'30"	355°28'27"	33,33	-0,78
C358	IRR	8.911.948,342	720.748,117	200,632	74°16'23"	347°30'19"	36,29	-0,63
C359	IRR	8.911.946,848	720.752,770	200,376	78°05'54"	351°19'50"	40,45	-0,89
E194	IRR	8.911.947,266	720.750,559	200,374	76°48'25"	350°02'21"	38,38	-0,89
F191	IRR	8.911.947,311	720.738,869	200,705	71°04'26"	344°18'22"	27,15	-0,56
C360	IRR	8.911.943,117	720.734,785	200,652	77°56'56"	351°10'53"	22,08	-0,61
C361	IRR	8.911.938,460	720.706,737	201,595	269°35'16"	182°49'13"	6,45	0,33
C362	IRR	8.911.946,531	720.709,140	201,609	333°13'44"	246°27'40"	8,99	0,35
F192	IRR	8.911.935,378	720.699,435	201,702	257°11'08"	170°25'05"	14,11	0,44
E195	IRR	8.911.943,242	720.707,099	201,238	307°52'21"	221°06'18"	7,71	-0,02
E196	IRR	8.911.947,479	720.679,357	202,019	284°51'17"	198°05'13"	35,00	0,76
C363	IRR	8.911.944,531	720.678,350	201,992	279°48'42"	193°02'39"	35,36	0,73
C364	IRR	8.911.951,623	720.680,012	202,227	291°34'21"	204°48'17"	35,68	0,96
C365	IRR	8.911.946,623	720.667,364	202,370	280°02'42"	193°16'38"	46,54	1,11
F193	IRR	8.911.940,311	720.675,642	202,098	272°45'07"	185°59'04"	37,59	0,84
F194	IRR	8.911.943,609	720.661,454	202,619	275°37'58"	188°51'55"	51,99	1,36
E197	IRR	8.911.952,923	720.648,483	202,583	282°33'40"	195°47'36"	66,29	1,32
C366	IRR	8.911.956,941	720.649,792	202,728	286°12'49"	199°26'45"	66,02	1,47
C367	IRR	8.911.949,451	720.647,948	202,942	279°31'26"	192°45'22"	66,15	1,68
C368	IRR	8.911.960,939	720.629,239	203,075	284°57'39"	198°11'35"	86,89	1,81
C369	IRR	8.911.952,919	720.627,955	203,272	279°35'53"	192°49'49"	86,44	2,01
F195	IRR	8.911.969,386	720.631,571	203,048	290°43'26"	203°57'22"	87,26	1,79
E198	IRR	8.911.956,958	720.628,269	202,916	282°15'32"	195°29'28"	86,90	1,65
E199	IRR	8.911.964,987	720.597,602	203,621	282°54'14"	196°08'10"	118,58	2,36
C370	IRR	8.911.968,559	720.598,097	203,640	284°38'04"	197°52'00"	118,95	2,38
C371	IRR	8.911.961,247	720.596,057	203,576	280°59'14"	194°13'10"	119,32	2,31
D052	IRR	8.911.962,839	720.590,400	203,667	281°12'32"	194°26'28"	125,18	2,41
F196	IRR	8.911.957,028	720.598,222	203,528	279°09'07"	192°23'03"	116,45	2,27
C372	IRR	8.911.975,171	720.571,489	203,900	284°30'26"	197°44'22"	146,37	2,64
C373	IRR	8.911.967,925	720.569,088	204,036	281°32'19"	194°46'15"	147,07	2,77
E200	IRR	8.911.971,655	720.570,556	203,747	283°05'01"	196°18'57"	146,43	2,48
E201	IRR	8.911.977,444	720.547,158	204,050	283°11'55"	196°25'51"	170,54	2,79
C374	IRR	8.911.980,793	720.548,271	204,108	284°22'53"	197°36'49"	170,25	2,85
C375	IRR	8.911.973,714	720.546,015	204,309	281°53'35"	195°07'31"	170,84	3,05
E202	IRR	8.911.981,619	720.530,909	204,439	283°18'26"	196°32'22"	187,31	3,18
C376	IRR	8.911.984,901	720.532,136	204,383	284°22'22"	197°36'18"	186,90	3,12

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Nome	Descrição	Norte	Este	Cota
TP085	EST	8.911.938,506	720.713,189	201,262

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C377	IRR	8.911.978,012	720.529,831	204,778	282°09'32"	195°23'28"	187,56	3,52
C379	IRR	8.911.986,904	720.499,668	204,731	282°46'16"	196°00'12"	218,94	3,47
E203	IRR	8.911.990,703	720.500,697	204,477	283°48'04"	197°02'00"	218,81	3,21
C378	IRR	8.911.994,048	720.501,697	204,597	284°42'53"	197°56'49"	218,66	3,34

Nome	Descrição	Norte	Este	Cota
TP086	EST	8.911.991,213	720.489,367	204,707

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E204	IRR	8.911.990,625	720.500,199	204,488	93°06'26"	349°51'22"	10,85	-0,22
C381	IRR	8.911.986,984	720.498,936	204,795	113°50'32"	10°35'28"	10,46	0,09
C380	IRR	8.911.994,225	720.501,606	204,468	76°10'34"	332°55'30"	12,60	-0,24
C382	IRR	8.911.990,634	720.485,956	204,816	260°21'21"	157°06'17"	3,46	0,11
C383	IRR	8.911.992,215	720.483,413	204,798	279°33'02"	176°17'58"	6,04	0,09
C384	IRR	8.911.999,314	720.484,752	204,507	330°19'47"	227°04'43"	9,32	-0,20
E205	IRR	8.911.996,476	720.484,193	204,492	315°29'03"	212°13'59"	7,38	-0,22
F197	IRR	8.911.966,443	720.553,174	204,200	111°12'59"	7°57'55"	68,45	-0,51
E206	IRR	8.912.001,499	720.466,243	203,897	293°58'46"	190°43'42"	25,31	-0,81
C386	IRR	8.912.004,499	720.467,269	203,922	301°00'55"	197°45'51"	25,78	-0,79
C385	IRR	8.911.998,138	720.464,906	204,441	285°48'27"	182°33'23"	25,42	-0,27
C387	IRR	8.912.005,581	720.440,529	202,843	286°23'37"	183°08'33"	50,91	-1,86
C388	IRR	8.912.011,047	720.442,420	202,488	292°54'10"	189°39'06"	50,96	-2,22
E207	IRR	8.912.008,821	720.441,211	202,495	290°05'03"	186°49'59"	51,27	-2,21
F198	IRR	8.912.020,262	720.446,727	201,928	304°15'54"	201°00'50"	51,59	-2,78
F199	IRR	8.912.028,710	720.412,244	201,207	295°55'43"	192°40'39"	85,76	-3,50
E208	IRR	8.912.015,906	720.412,995	201,816	287°55'03"	184°39'59"	80,26	-2,89
C390	IRR	8.912.018,793	720.413,935	201,764	290°05'02"	186°49'58"	80,32	-2,94
C389	IRR	8.912.012,887	720.413,043	201,961	285°51'11"	182°36'07"	79,34	-2,75

Nome	Descrição	Norte	Este	Cota
TP087	EST	8.912.022,868	720.392,700	201,490

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F200	IRR	8.912.032,189	720.387,983	200,440	333°09'27"	225°01'32"	10,45	-1,05
E209	IRR	8.912.022,205	720.383,140	201,170	266°01'40"	157°53'45"	9,58	-0,32
E210	IRR	8.912.024,455	720.371,038	200,522	274°11'19"	166°03'24"	21,72	-0,97
C391	IRR	8.912.018,609	720.383,356	201,785	245°29'35"	137°21'40"	10,27	0,30
C392	IRR	8.912.027,656	720.370,901	200,450	282°23'11"	174°15'16"	22,32	-1,04
C393	IRR	8.912.025,205	720.383,806	201,151	284°43'10"	176°35'15"	9,20	-0,34
C394	IRR	8.912.020,362	720.370,281	201,087	263°37'14"	155°29'19"	22,56	-0,40
F201	IRR	8.912.015,392	720.358,496	201,019	257°40'11"	149°32'16"	35,01	-0,47
C395	IRR	8.912.028,147	720.348,470	199,931	276°48'19"	168°40'24"	44,54	-1,56
C396	IRR	8.912.021,519	720.346,970	200,287	268°18'35"	160°10'40"	45,75	-1,20
E211	IRR	8.912.024,481	720.347,071	199,897	272°01'25"	163°53'30"	45,66	-1,59
E212	IRR	8.912.025,602	720.320,242	199,715	272°09'39"	164°01'44"	72,51	-1,77

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Nome	Descrição	Norte	Este	Cota
TP087	EST	8.912.022,868	720.392,700	201,490

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C397	IRR	8.912.028,765	720.320,461	199,720	274°39'58"	166°32'03"	72,48	-1,77
C398	IRR	8.912.022,347	720.319,835	200,077	269°35'25"	161°27'30"	72,87	-1,41
C399	IRR	8.912.029,039	720.293,626	199,229	273°33'50"	165°25'55"	99,27	-2,26
C400	IRR	8.912.023,253	720.293,808	199,491	270°13'22"	162°05'27"	98,89	-2,00
E213	IRR	8.912.026,507	720.294,369	199,172	272°07'09"	163°59'14"	98,40	-2,32
F202	IRR	8.912.013,469	720.276,643	200,640	265°22'10"	157°14'15"	116,44	-0,85
E214	IRR	8.912.027,229	720.267,155	198,731	271°59'21"	163°51'26"	125,62	-2,76
C401	IRR	8.912.023,592	720.266,971	199,086	270°19'47"	162°11'52"	125,73	-2,40
C402	IRR	8.912.030,197	720.267,367	198,819	273°20'47"	165°12'52"	125,55	-2,67
C403	IRR	8.912.024,151	720.243,529	198,589	270°29'33"	162°21'38"	149,18	-2,90
C404	IRR	8.912.032,130	720.245,776	197,872	273°36'25"	165°28'30"	147,22	-3,62
E215	IRR	8.912.028,782	720.244,707	197,944	272°17'17"	164°09'22"	148,11	-3,55