

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

Nome	Descrição	Norte	Este	Cota
BMT001		8.907.501,885	692.495,512	12,726

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
M001	IRRADIAD	8.907.554,190	692.434,855	12,871	310°46'16"	357°21'31"	80,09	0,15
CL001	IRRADIAD	8.907.558,628	692.439,125	15,577	315°10'50"	1°46'05"	79,99	2,85
CL002	IRRADIAD	8.907.554,641	692.443,055	13,558	315°09'47"	1°45'02"	74,40	0,83
CL003	IRRADIAD	8.907.559,500	692.439,705	15,592	315°54'48"	2°30'03"	80,21	2,87
CL004	IRRADIAD	8.907.555,402	692.444,080	15,581	316°08'17"	2°43'32"	74,22	2,85
CL005	IRRADIAD	8.907.553,506	692.446,099	15,579	316°15'07"	2°50'22"	71,46	2,85
CL006	IRRADIAD	8.907.551,235	692.443,738	13,084	313°37'37"	0°12'52"	71,53	0,36
CL007	IRRADIAD	8.907.551,880	692.447,826	15,585	316°21'15"	2°56'30"	69,09	2,86
CL008	IRRADIAD	8.907.549,494	692.445,495	13,036	313°35'13"	0°10'28"	69,05	0,31
F001	IRRADIAD	8.907.558,206	692.444,412	15,612	317°46'58"	4°22'13"	76,05	2,89
M002	IRRADIAD	8.907.546,720	692.442,996	12,699	310°29'20"	357°04'35"	69,05	-0,03
D001	IRRADIAD	8.907.550,269	692.447,525	13,373	315°14'10"	1°49'25"	68,14	0,65
AV001	IRRADIAD	8.907.540,454	692.446,517	12,283	308°12'37"	354°47'52"	62,35	-0,44
M003	IRRADIAD	8.907.539,075	692.451,275	12,600	310°03'14"	356°38'29"	57,79	-0,13
F002	IRRADIAD	8.907.544,830	692.458,331	15,629	319°06'52"	5°42'07"	56,80	2,90
CL009	IRRADIAD	8.907.541,617	692.453,408	12,836	313°20'24"	359°55'39"	57,89	0,11
CL010	IRRADIAD	8.907.544,348	692.455,881	15,554	316°58'33"	3°33'48"	58,08	2,83
CL011	IRRADIAD	8.907.544,006	692.455,436	13,539	316°25'31"	3°00'46"	58,14	0,81
CL012	IRRADIAD	8.907.538,103	692.461,854	13,526	317°05'54"	3°41'09"	49,44	0,80
CL013	IRRADIAD	8.907.538,316	692.462,327	15,570	317°40'10"	4°15'25"	49,28	2,84
CL014	IRRADIAD	8.907.535,798	692.459,727	12,942	313°27'41"	0°02'56"	49,30	0,22
M004	IRRADIAD	8.907.532,849	692.457,892	12,540	309°27'24"	356°02'39"	48,72	-0,19
AV002	IRRADIAD	8.907.527,626	692.458,622	11,982	304°54'24"	351°29'39"	44,98	-0,74
AV003	IRRADIAD	8.907.522,406	692.460,985	11,360	300°43'33"	347°18'48"	40,16	-1,37
F003	IRRADIAD	8.907.535,936	692.468,614	15,938	321°41'39"	8°16'54"	43,39	3,21
F004	IRRADIAD	8.907.532,524	692.472,457	15,572	323°02'25"	9°37'40"	38,34	2,85
CL015	IRRADIAD	8.907.535,307	692.465,691	15,531	318°15'32"	4°50'47"	44,79	2,81
CL016	IRRADIAD	8.907.532,453	692.463,220	12,937	313°25'45"	0°01'00"	44,46	0,21
CL017	IRRADIAD	8.907.535,039	692.465,300	13,759	317°39'32"	4°14'47"	44,85	1,03
CL018	IRRADIAD	8.907.528,258	692.474,150	15,562	320°59'34"	7°34'49"	33,94	2,84
CL019	IRRADIAD	8.907.525,640	692.472,009	12,789	315°18'19"	1°53'34"	33,42	0,06
CL020	IRRADIAD	8.907.527,986	692.473,834	13,372	320°17'19"	6°52'34"	33,93	0,65
F005	IRRADIAD	8.907.528,010	692.478,166	15,625	326°25'03"	13°00'18"	31,36	2,90
F006	IRRADIAD	8.907.525,201	692.481,913	15,625	329°44'55"	16°20'10"	26,99	2,90
M005	IRRADIAD	8.907.522,686	692.469,928	12,500	309°06'44"	355°41'59"	32,97	-0,23
D002	IRRADIAD	8.907.528,617	692.471,166	13,138	317°40'29"	4°15'44"	36,16	0,41
CL021	IRRADIAD	8.907.524,424	692.478,980	15,534	323°44'30"	10°19'45"	27,95	2,81
CL022	IRRADIAD	8.907.521,231	692.476,517	12,724	315°31'25"	2°06'40"	27,11	0,00
CL023	IRRADIAD	8.907.524,219	692.478,656	13,306	322°57'25"	9°32'40"	27,98	0,58
CL024	IRRADIAD	8.907.519,870	692.484,727	15,567	329°02'58"	15°38'13"	20,97	2,84
CL025	IRRADIAD	8.907.516,881	692.482,331	12,964	318°41'11"	5°16'26"	19,97	0,24
CL026	IRRADIAD	8.907.519,733	692.484,608	13,516	328°34'38"	15°09'53"	20,91	0,79
CL027	IRRADIAD	8.907.513,363	692.493,097	15,549	348°07'03"	34°42'18"	11,73	2,82
CL028	IRRADIAD	8.907.510,445	692.490,851	12,820	331°26'00"	18°01'15"	9,75	0,09
CL029	IRRADIAD	8.907.513,085	692.492,799	13,371	346°23'08"	32°58'23"	11,52	0,64

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Nome	Descrição	Norte	Este	Cota
BMT001		8.907.501,885	692.495,512	12,726

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F007	IRRADIAD	8.907.518,402	692.490,858	15,628	344°15'55"	30°51'10"	17,16	2,90
F008	IRRADIAD	8.907.515,315	692.494,891	15,600	357°21'08"	43°56'23"	13,44	2,87
F009	IRRADIAD	8.907.512,186	692.499,033	15,567	18°52'16"	65°27'31"	10,89	2,84
M006	IRRADIAD	8.907.507,655	692.488,849	12,551	310°53'17"	357°28'32"	8,81	-0,17
D003	IRRADIAD	8.907.509,200	692.496,704	13,158	9°15'24"	55°50'39"	7,41	0,43
AV005	IRRADIAD	8.907.503,178	692.491,387	12,533	287°23'52"	333°59'07"	4,32	-0,19
AV006	IRRADIAD	8.907.513,199	692.471,767	11,220	295°28'37"	342°03'52"	26,30	-1,51

Nome	Descrição	Norte	Este	Cota
TP376		8.907.464,198	692.522,581	10,808

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F010	IRRADIAD	8.907.516,642	692.502,824	16,058	339°21'27"	15°02'43"	56,04	5,25
AV007	IRRADIAD	8.907.495,569	692.501,826	12,448	326°30'43"	2°12'00"	37,62	1,64
AV008	IRRADIAD	8.907.493,082	692.505,929	12,713	330°02'12"	5°43'29"	33,34	1,91
CL030	IRRADIAD	8.907.509,780	692.497,899	15,503	331°33'54"	7°15'10"	51,84	4,69
CL031	IRRADIAD	8.907.509,257	692.498,203	14,346	331°35'09"	7°16'25"	51,23	3,54
CL032	IRRADIAD	8.907.509,147	692.497,909	13,251	331°14'18"	6°55'34"	51,27	2,44
CL033	IRRADIAD	8.907.510,949	692.505,368	15,542	339°47'14"	15°28'30"	49,82	4,73
CL034	IRRADIAD	8.907.510,713	692.505,485	14,437	339°49'13"	15°30'29"	49,56	3,63
CL035	IRRADIAD	8.907.509,336	692.507,764	15,548	341°49'40"	17°30'56"	47,51	4,74
CL036	IRRADIAD	8.907.509,252	692.507,634	14,434	341°38'47"	17°20'03"	47,47	3,63
CL037	IRRADIAD	8.907.503,848	692.505,123	13,470	336°14'10"	11°55'27"	43,32	2,66
CL038	IRRADIAD	8.907.503,806	692.505,318	14,282	336°27'02"	12°08'19"	43,21	3,47
CL039	IRRADIAD	8.907.506,312	692.511,572	15,546	345°21'01"	21°02'17"	43,53	4,74
CL040	IRRADIAD	8.907.506,237	692.511,469	14,412	345°11'37"	20°52'53"	43,48	3,60
CL041	IRRADIAD	8.907.502,499	692.507,075	14,276	337°57'34"	13°38'51"	41,32	3,47
CL042	IRRADIAD	8.907.502,401	692.506,909	13,370	337°41'44"	13°23'00"	41,29	2,56
F011	IRRADIAD	8.907.505,188	692.505,145	14,314	336°57'25"	12°38'41"	44,54	3,51
F012	IRRADIAD	8.907.506,231	692.505,446	14,349	337°49'17"	13°30'33"	45,39	3,54
F013	IRRADIAD	8.907.510,424	692.511,167	15,644	346°07'48"	21°49'04"	47,61	4,84
F014	IRRADIAD	8.907.503,125	692.512,888	14,374	346°01'05"	21°42'22"	40,12	3,57
F015	IRRADIAD	8.907.504,081	692.511,452	14,366	344°24'31"	20°05'47"	41,41	3,56
CL043	IRRADIAD	8.907.503,752	692.514,813	15,553	348°53'20"	24°34'37"	40,31	4,75
CL044	IRRADIAD	8.907.503,605	692.514,824	14,396	348°51'50"	24°33'07"	40,16	3,59
CL045	IRRADIAD	8.907.498,349	692.512,347	13,519	343°19'08"	19°00'25"	35,65	2,71
CL046	IRRADIAD	8.907.498,449	692.512,409	14,285	343°27'36"	19°08'53"	35,73	3,48
CL047	IRRADIAD	8.907.500,667	692.518,655	15,537	353°51'23"	29°32'40"	36,68	4,73
CL048	IRRADIAD	8.907.500,590	692.518,637	14,365	353°48'56"	29°30'13"	36,60	3,56
CL049	IRRADIAD	8.907.497,114	692.514,197	14,301	345°42'37"	21°23'54"	33,97	3,49
CL050	IRRADIAD	8.907.497,021	692.514,224	13,477	345°42'54"	21°24'11"	33,87	2,67
F013	IRRADIAD	8.907.504,493	692.518,518	15,584	354°14'32"	29°55'48"	40,50	4,78
F014	IRRADIAD	8.907.490,782	692.535,739	15,616	26°20'02"	62°01'19"	29,66	4,81
M007	IRRADIAD	8.907.491,295	692.510,244	13,063	335°31'12"	11°12'29"	29,77	2,26
P001	IRRADIAD	8.907.484,869	692.505,713	11,342	320°47'06"	356°28'23"	26,68	0,53

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Nome	Descrição	Norte	Este	Cota
TP376		8.907.464,198	692.522,581	10,808

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
D004	IRRADIAD	8.907.491,989	692.520,014	13,588	354°43'26"	30°24'43"	27,91	2,78
CL051	IRRADIAD	8.907.494,334	692.526,659	15,552	7°42'25"	43°23'42"	30,41	4,74
CL052	IRRADIAD	8.907.494,215	692.526,567	14,409	7°33'56"	43°15'12"	30,28	3,60
CL053	IRRADIAD	8.907.489,158	692.524,488	13,690	4°22'10"	40°03'26"	25,03	2,88
CL054	IRRADIAD	8.907.489,226	692.524,594	14,301	4°35'53"	40°17'09"	25,11	3,49
CL055	IRRADIAD	8.907.491,258	692.530,506	15,555	16°19'31"	52°00'47"	28,20	4,75
CL056	IRRADIAD	8.907.491,160	692.530,429	14,393	16°13'45"	51°55'01"	28,08	3,59
CL057	IRRADIAD	8.907.487,889	692.526,391	14,299	9°08'14"	44°49'30"	24,00	3,49
CL058	IRRADIAD	8.907.488,251	692.534,494	15,549	26°20'56"	62°02'12"	26,84	4,74
CL059	IRRADIAD	8.907.487,938	692.534,733	14,302	27°06'30"	62°47'46"	26,67	3,49
CL060	IRRADIAD	8.907.484,655	692.530,721	14,309	21°41'55"	57°23'11"	22,02	3,50
CL061	IRRADIAD	8.907.484,565	692.530,733	13,722	21°48'53"	57°30'09"	21,94	2,91
CL062	IRRADIAD	8.907.484,391	692.532,393	13,772	25°54'56"	61°36'12"	22,45	2,96
CL063	IRRADIAD	8.907.484,597	692.532,412	14,319	25°43'55"	61°25'11"	22,64	3,51
CL064	IRRADIAD	8.907.488,213	692.535,573	15,552	28°24'46"	64°06'02"	27,30	4,74
CL065	IRRADIAD	8.907.487,737	692.535,599	14,282	28°56'44"	64°38'00"	26,90	3,47
CL066	IRRADIAD	8.907.490,180	692.537,811	15,499	30°22'39"	66°03'55"	30,12	4,69
CL067	IRRADIAD	8.907.490,141	692.537,992	14,456	30°42'48"	66°24'04"	30,18	3,65
M008	IRRADIAD	8.907.478,817	692.527,847	13,379	19°48'43"	55°29'59"	15,54	2,57
M009	IRRADIAD	8.907.484,484	692.538,256	14,139	37°41'38"	73°22'54"	25,64	3,33
M010	IRRADIAD	8.907.478,834	692.541,038	14,055	51°35'09"	87°16'25"	23,56	3,25
M011	IRRADIAD	8.907.487,424	692.541,862	14,432	39°41'55"	75°23'11"	30,19	3,62
M012	IRRADIAD	8.907.483,130	692.545,882	14,487	50°54'25"	86°35'41"	30,02	3,68
H001	IRRADIAD	8.907.489,553	692.541,447	14,632	36°39'06"	72°20'22"	31,60	3,82
D005	IRRADIAD	8.907.489,720	692.543,345	14,687	39°07'55"	74°49'11"	32,90	3,88
D006	IRRADIAD	8.907.468,408	692.536,008	12,910	72°35'36"	108°16'52"	14,07	2,10
CL068	IRRADIAD	8.907.469,124	692.536,599	13,005	70°38'20"	106°19'36"	14,86	2,20
CL069	IRRADIAD	8.907.471,307	692.537,155	13,506	63°59'54"	99°41'10"	16,22	2,70
CL070	IRRADIAD	8.907.479,433	692.543,910	14,390	54°27'45"	90°09'01"	26,21	3,58
CL071	IRRADIAD	8.907.478,792	692.543,328	15,530	54°52'35"	90°33'51"	25,37	4,72
CL072	IRRADIAD	8.907.471,186	692.537,167	15,538	64°24'07"	100°05'23"	16,17	4,73
CL073	IRRADIAD	8.907.469,077	692.536,698	15,513	70°56'02"	106°37'18"	14,94	4,71
CL074	IRRADIAD	8.907.466,512	692.539,523	15,538	82°13'21"	117°54'37"	17,10	4,73
CL075	IRRADIAD	8.907.466,426	692.539,383	13,111	82°26'43"	118°07'59"	16,95	2,30
CL076	IRRADIAD	8.907.464,088	692.537,249	12,303	90°25'50"	126°07'06"	14,67	1,50
CL077	IRRADIAD	8.907.465,528	692.540,757	15,538	85°49'00"	121°30'16"	18,23	4,73
CL078	IRRADIAD	8.907.465,397	692.540,760	14,642	86°13'35"	121°54'51"	18,22	3,83
F018	IRRADIAD	8.907.470,084	692.539,948	15,692	71°16'37"	106°57'53"	18,34	4,88
F019	IRRADIAD	8.907.465,626	692.544,692	15,673	86°18'14"	121°59'30"	22,16	4,87
F020	IRRADIAD	8.907.461,573	692.549,385	15,678	95°35'33"	131°16'49"	26,93	4,87
CL079	IRRADIAD	8.907.460,672	692.546,212	15,486	98°29'09"	134°10'25"	23,89	4,68
CL080	IRRADIAD	8.907.460,619	692.546,048	14,736	98°40'14"	134°21'30"	23,74	3,93
CL081	IRRADIAD	8.907.458,484	692.544,232	13,358	104°47'03"	140°28'19"	22,39	2,55
CL082	IRRADIAD	8.907.459,603	692.547,352	15,535	100°30'29"	136°11'45"	25,19	4,73
CL083	IRRADIAD	8.907.459,519	692.547,340	14,358	100°42'09"	136°23'25"	25,20	3,55

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Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
CL084	IRRADIAD	8.907.451,856	692.556,011	15,528	110°15'46"	145°57'02"	35,64	4,72
CL085	IRRADIAD	8.907.451,858	692.555,970	15,014	110°17'00"	145°58'16"	35,60	4,21
CL086	IRRADIAD	8.907.451,031	692.555,231	14,757	111°57'47"	147°39'03"	35,21	3,95
CL087	IRRADIAD	8.907.450,818	692.557,256	15,536	111°06'00"	146°47'16"	37,17	4,73
CL088	IRRADIAD	8.907.450,708	692.557,175	14,983	111°18'11"	146°59'27"	37,13	4,18
H002	IRRADIAD	8.907.449,719	692.557,481	14,748	112°31'54"	148°13'10"	37,78	3,94
F021	IRRADIAD	8.907.451,727	692.560,314	15,691	108°17'23"	143°58'39"	39,74	4,88
AV009	IRRADIAD	8.907.450,017	692.544,911	11,933	122°25'03"	158°06'19"	26,45	1,13
AV010	IRRADIAD	8.907.446,648	692.547,935	12,137	124°41'27"	160°22'43"	30,84	1,33
AV011	IRRADIAD	8.907.444,066	692.551,577	12,275	124°46'23"	160°27'39"	35,30	1,47
P002	IRRADIAD	8.907.453,691	692.549,887	14,559	111°02'50"	146°44'06"	29,26	3,75
P003	IRRADIAD	8.907.449,520	692.552,296	14,302	116°17'17"	151°58'33"	33,14	3,49
P004	IRRADIAD	8.907.447,059	692.556,487	14,289	116°48'55"	152°30'11"	37,99	3,48
P005	IRRADIAD	8.907.442,663	692.560,720	13,579	119°27'04"	155°08'20"	43,80	2,77
F022	IRRADIAD	8.907.449,546	692.562,741	15,676	110°02'38"	145°43'54"	42,75	4,87
D007	IRRADIAD	8.907.445,029	692.561,601	14,286	116°09'46"	151°51'02"	43,47	3,48
CL089	IRRADIAD	8.907.447,522	692.561,033	15,515	113°26'47"	149°08'03"	41,91	4,71
CL090	IRRADIAD	8.907.446,406	692.559,939	14,381	115°27'57"	151°09'13"	41,38	3,57
CL091	IRRADIAD	8.907.447,438	692.560,854	14,887	113°38'56"	149°20'12"	41,78	4,08
CL092	IRRADIAD	8.907.446,438	692.562,323	15,518	114°04'43"	149°45'59"	43,53	4,71
CL093	IRRADIAD	8.907.446,291	692.562,123	14,711	114°21'51"	150°03'07"	43,41	3,90
CL094	IRRADIAD	8.907.440,982	692.564,168	13,124	119°10'20"	154°51'36"	47,63	2,32
CL095	IRRADIAD	8.907.442,932	692.565,971	14,584	116°06'35"	151°47'51"	48,32	3,78
CL096	IRRADIAD	8.907.441,917	692.567,398	15,497	116°26'04"	152°07'20"	50,05	4,69
CL097	IRRADIAD	8.907.441,821	692.567,290	14,453	116°35'17"	152°16'33"	50,00	3,65
F023	IRRADIAD	8.907.441,007	692.572,615	15,526	114°52'04"	150°33'20"	55,15	4,72
AV012	IRRADIAD	8.907.437,515	692.561,779	11,996	124°14'38"	159°55'54"	47,42	1,19
AV013	IRRADIAD	8.907.434,842	692.564,843	12,180	124°47'05"	160°28'21"	51,46	1,37
F024	IRRADIAD	8.907.437,385	692.577,233	15,600	116°07'59"	151°49'15"	60,88	4,79
C098	IRRADIAD	8.907.433,870	692.577,678	15,493	118°49'50"	154°31'06"	62,89	4,69
C099	IRRADIAD	8.907.433,773	692.577,487	14,570	118°59'31"	154°40'47"	62,77	3,76
C100	IRRADIAD	8.907.431,786	692.576,150	13,408	121°10'33"	156°51'49"	62,61	2,60
C101	IRRADIAD	8.907.432,895	692.578,855	15,527	119°05'07"	154°46'23"	64,39	4,72
C102	IRRADIAD	8.907.432,871	692.578,825	14,983	119°07'03"	154°48'19"	64,38	4,18
C103	IRRADIAD	8.907.432,210	692.579,886	15,527	119°10'14"	154°51'30"	65,63	4,72
C104	IRRADIAD	8.907.432,125	692.579,817	15,006	119°15'53"	154°57'09"	65,61	4,20
C105	IRRADIAD	8.907.420,866	692.571,823	10,729	131°20'50"	167°02'06"	65,59	-0,08
C106	IRRADIAD	8.907.429,477	692.583,611	15,500	119°38'10"	155°19'26"	70,22	4,69
C107	IRRADIAD	8.907.417,426	692.576,772	10,609	130°47'51"	166°29'07"	71,58	-0,20
C108	IRRADIAD	8.907.428,824	692.584,512	15,475	119°44'03"	155°25'19"	71,32	4,67
C109	IRRADIAD	8.907.428,630	692.584,466	15,026	119°53'16"	155°34'32"	71,38	4,22
AV014	IRRADIAD	8.907.424,560	692.584,037	14,076	122°49'16"	158°30'32"	73,13	3,27
F025	IRRADIAD	8.907.428,578	692.589,617	15,566	117°59'02"	153°40'18"	75,91	4,76
F026	IRRADIAD	8.907.420,696	692.602,665	15,570	118°30'40"	154°11'56"	91,14	4,76
F027	IRRADIAD	8.907.417,875	692.607,515	15,109	118°36'29"	154°17'45"	96,75	4,30

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Nome	Descrição	Norte	Este	Cota
TP376		8.907.464,198	692.522,581	10,808

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
CL109	IRRADIAD	8.907.419,312	692.605,153	15,479	118°31'42"	154°12'58"	93,98	4,67
CL110	IRRADIAD	8.907.417,115	692.603,468	15,503	120°12'11"	155°53'27"	93,59	4,70
CL111	IRRADIAD	8.907.416,937	692.603,375	14,693	120°19'33"	156°00'49"	93,60	3,89
D008	IRRADIAD	8.907.426,043	692.587,466	14,760	120°27'26"	156°08'42"	75,27	3,95

Nome	Descrição	Norte	Este	Cota
TP377		8.907.501,572	692.560,050	15,181

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C001	IRRADIAD	8.907.498,052	692.553,033	15,358	243°21'40"	18°17'17"	7,85	0,18
M013	IRRADIAD	8.907.497,408	692.553,575	15,218	237°15'08"	12°10'45"	7,70	0,04
M014	IRRADIAD	8.907.492,707	692.557,234	15,203	197°37'31"	332°33'08"	9,30	0,02
AV015	IRRADIAD	8.907.495,945	692.563,263	15,056	150°16'34"	285°12'11"	6,48	-0,12
AV016	IRRADIAD	8.907.503,096	692.570,028	14,904	81°18'51"	216°14'28"	10,09	-0,28
F028	IRRADIAD	8.907.489,640	692.565,054	15,439	157°14'47"	292°10'24"	12,94	0,26
F029	IRRADIAD	8.907.511,640	692.568,518	15,026	40°03'59"	174°59'36"	13,16	-0,15
F030	IRRADIAD	8.907.496,768	692.571,984	15,227	111°55'36"	246°51'13"	12,86	0,05
F031	IRRADIAD	8.907.500,183	692.575,635	15,048	95°05'31"	230°01'08"	15,65	-0,13
D009	IRRADIAD	8.907.513,474	692.571,310	15,027	43°24'43"	178°20'20"	16,39	-0,15
M015	IRRADIAD	8.907.505,700	692.572,589	14,862	71°46'36"	206°42'13"	13,20	-0,32
M016	IRRADIAD	8.907.512,734	692.571,650	14,881	46°06'04"	181°01'41"	16,10	-0,30
AV017	IRRADIAD	8.907.507,401	692.575,975	14,851	69°53'52"	204°49'29"	16,96	-0,33
AV018	IRRADIAD	8.907.510,346	692.578,853	14,786	64°59'08"	199°54'45"	20,75	-0,40
F032	IRRADIAD	8.907.517,338	692.574,868	14,960	43°13'29"	178°09'06"	21,64	-0,22
F033	IRRADIAD	8.907.507,794	692.583,959	15,018	75°24'46"	210°20'23"	24,71	-0,16
F034	IRRADIAD	8.907.515,114	692.587,518	14,774	63°45'19"	198°40'56"	30,62	-0,41
F035	IRRADIAD	8.907.523,661	692.582,284	14,886	45°11'11"	180°06'48"	31,34	-0,30
M017	IRRADIAD	8.907.516,796	692.585,626	14,711	59°14'16"	194°09'53"	29,76	-0,47
M018	IRRADIAD	8.907.522,149	692.582,767	14,706	47°49'45"	182°45'22"	30,65	-0,48
AV019	IRRADIAD	8.907.514,248	692.583,612	14,912	61°43'15"	196°38'52"	26,75	-0,27
AV020	IRRADIAD	8.907.518,908	692.588,628	14,703	58°45'31"	193°41'08"	33,42	-0,48
AV021	IRRADIAD	8.907.521,973	692.592,365	14,607	57°44'09"	192°39'46"	38,22	-0,57
AV022	IRRADIAD	8.907.524,823	692.595,874	14,531	57°00'51"	191°56'28"	42,71	-0,65
M019	IRRADIAD	8.907.524,013	692.594,169	14,628	56°39'58"	191°35'35"	40,84	-0,55
M020	IRRADIAD	8.907.528,448	692.590,183	14,638	48°16'08"	183°11'45"	40,38	-0,54
F036	IRRADIAD	8.907.522,400	692.598,280	14,735	61°25'04"	196°20'41"	43,54	-0,45
F037	IRRADIAD	8.907.529,980	692.589,115	14,792	45°39'20"	180°34'57"	40,64	-0,39
F038	IRRADIAD	8.907.533,255	692.592,799	14,782	45°56'53"	180°52'30"	45,57	-0,40
F039	IRRADIAD	8.907.533,715	692.608,133	14,595	56°14'16"	191°09'53"	57,84	-0,59
D010	IRRADIAD	8.907.537,384	692.598,479	14,711	47°01'08"	181°56'45"	52,53	-0,47
F040	IRRADIAD	8.907.539,818	692.600,311	14,710	46°28'11"	181°23'48"	55,53	-0,47
F041	IRRADIAD	8.907.536,835	692.612,765	14,521	56°13'12"	191°08'49"	63,42	-0,66
M021	IRRADIAD	8.907.538,421	692.601,861	14,516	48°36'33"	183°32'10"	55,73	-0,67
M022	IRRADIAD	8.907.534,288	692.606,227	14,462	54°40'59"	189°36'36"	56,59	-0,72
AV023	IRRADIAD	8.907.538,341	692.611,283	14,547	54°20'01"	189°15'38"	63,06	-0,63

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Nome	Descrição	Norte	Este	Cota
TP377		8.907.501,572	692.560,050	15,181

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F042	IRRADIAD	8.907.548,573	692.610,482	14,641	47°01'00"	181°56'37"	68,94	-0,54
M023	IRRADIAD	8.907.547,127	692.612,035	14,465	48°46'16"	183°41'53"	69,12	-0,72
M024	IRRADIAD	8.907.543,129	692.616,628	14,371	53°42'08"	188°37'45"	70,20	-0,81
F043	IRRADIAD	8.907.556,249	692.619,766	14,453	47°31'21"	182°26'58"	80,97	-0,73
F044	IRRADIAD	8.907.550,154	692.627,786	14,462	54°21'03"	189°16'40"	83,36	-0,72
F045	IRRADIAD	8.907.553,133	692.631,152	14,644	54°03'04"	188°58'41"	87,83	-0,54
F046	IRRADIAD	8.907.557,349	692.636,395	14,414	53°50'54"	188°46'31"	94,55	-0,77
D011	IRRADIAD	8.907.560,561	692.626,565	14,504	48°25'54"	183°21'31"	88,90	-0,68
M025	IRRADIAD	8.907.561,693	692.629,584	14,508	49°09'09"	184°04'46"	91,92	-0,67
M026	IRRADIAD	8.907.557,045	692.633,325	14,450	52°52'20"	187°47'57"	91,90	-0,73
M027	IRRADIAD	8.907.575,714	692.651,544	14,700	50°58'49"	185°54'26"	117,76	-0,48
M028	IRRADIAD	8.907.570,285	692.654,037	14,522	53°49'47"	188°45'24"	116,43	-0,66
C002	IRRADIAD	8.907.567,651	692.633,334	14,427	47°57'35"	182°53'12"	98,68	-0,75
C003	IRRADIAD	8.907.572,609	692.643,023	14,716	49°25'54"	184°21'31"	109,23	-0,46
AV024	IRRADIAD	8.907.559,976	692.638,257	14,438	53°14'53"	188°10'30"	97,61	-0,74

Nome	Descrição	Norte	Este	Cota
TP378		8.907.574,502	692.649,136	14,749

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
AV025	IRRADIAD	8.907.563,263	692.643,013	14,384	208°34'58"	337°53'17"	12,80	-0,37
F047	IRRADIAD	8.907.562,570	692.644,231	14,405	202°20'51"	331°39'10"	12,90	-0,34
F048	IRRADIAD	8.907.559,399	692.639,935	14,440	211°21'01"	340°39'20"	17,69	-0,31
F049	IRRADIAD	8.907.566,567	692.651,459	14,534	163°41'10"	292°59'29"	8,27	-0,21
C004	IRRADIAD	8.907.577,868	692.656,687	14,739	65°58'28"	195°16'47"	8,27	-0,01
C005	IRRADIAD	8.907.574,047	692.662,932	14,677	91°53'27"	221°11'46"	13,80	-0,07
C006	IRRADIAD	8.907.569,138	692.666,276	14,418	107°22'44"	236°41'03"	17,96	-0,33
C007	IRRADIAD	8.907.573,535	692.673,749	14,315	92°15'01"	221°33'20"	24,63	-0,43
C008	IRRADIAD	8.907.582,504	692.665,669	14,850	64°10'18"	193°28'37"	18,37	0,10
E001	IRRADIAD	8.907.579,300	692.667,530	14,558	75°22'44"	204°41'03"	19,01	-0,19
E002	IRRADIAD	8.907.586,172	692.683,788	14,457	71°23'17"	200°41'36"	36,56	-0,29
C009	IRRADIAD	8.907.581,586	692.687,405	14,388	79°30'47"	208°49'06"	38,92	-0,36
C010	IRRADIAD	8.907.595,898	692.684,793	14,812	59°02'02"	188°20'21"	41,58	0,06
D012	IRRADIAD	8.907.597,425	692.689,476	14,646	60°23'35"	189°41'54"	46,40	-0,10
F050	IRRADIAD	8.907.600,128	692.689,970	14,682	57°53'22"	187°11'41"	48,21	-0,07
C011	IRRADIAD	8.907.608,376	692.701,237	14,910	56°58'12"	186°16'31"	62,14	0,16
C012	IRRADIAD	8.907.606,878	692.704,716	14,635	59°46'43"	189°05'02"	64,32	-0,11
C013	IRRADIAD	8.907.610,927	692.709,446	14,662	58°52'09"	188°10'28"	70,46	-0,09
C014	IRRADIAD	8.907.601,498	692.718,355	14,138	68°41'36"	197°59'55"	74,30	-0,61
E003	IRRADIAD	8.907.606,692	692.713,477	14,307	63°25'14"	192°43'33"	71,94	-0,44

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Nome	Descrição	Norte	Este	Cota
TP379		8.907.674,513	692.432,434	16,820

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C015	IRRADIAD	8.907.687,062	692.464,920	16,780	68°52'42"	314°06'15"	34,82	-0,04
C016	IRRADIAD	8.907.683,073	692.466,207	15,854	75°46'39"	321°00'12"	34,84	-0,97
E005	IRRADIAD	8.907.684,782	692.465,639	15,965	72°48'57"	318°02'30"	34,76	-0,86
E006	IRRADIAD	8.907.677,923	692.443,863	16,383	73°23'23"	318°36'56"	11,93	-0,44
D013	IRRADIAD	8.907.679,821	692.444,682	16,787	66°34'12"	311°47'45"	13,35	-0,03
C017	IRRADIAD	8.907.680,385	692.443,770	16,969	62°36'59"	307°50'32"	12,77	0,15
C018	IRRADIAD	8.907.676,232	692.444,297	16,326	81°45'16"	326°58'49"	11,99	-0,49
C019	IRRADIAD	8.907.673,944	692.407,732	18,095	268°40'44"	153°54'17"	24,71	1,27
C020	IRRADIAD	8.907.676,904	692.409,080	18,486	275°50'45"	161°04'18"	23,48	1,67
C021	IRRADIAD	8.907.669,187	692.409,033	17,455	257°10'34"	142°24'07"	24,00	0,63
C022	IRRADIAD	8.907.665,306	692.410,779	17,032	246°57'59"	132°11'32"	23,53	0,21
C023	IRRADIAD	8.907.656,975	692.387,324	16,988	248°45'15"	133°58'48"	48,40	0,17
C024	IRRADIAD	8.907.662,681	692.390,252	17,428	254°19'52"	139°33'25"	43,81	0,61
E006	IRRADIAD	8.907.667,061	692.410,027	17,234	251°36'14"	136°49'47"	23,61	0,41
E007	IRRADIAD	8.907.660,307	692.390,798	17,126	251°09'37"	136°23'10"	43,99	0,31
F051	IRRADIAD	8.907.697,288	692.451,021	21,582	39°13'08"	284°26'41"	29,40	4,76
F052	IRRADIAD	8.907.692,019	692.442,018	20,887	28°41'59"	273°55'32"	19,96	4,07
F053	IRRADIAD	8.907.688,134	692.430,014	20,271	349°55'24"	235°08'57"	13,83	3,45
F054	IRRADIAD	8.907.649,919	692.425,452	15,482	195°51'02"	81°04'35"	25,57	-1,34

Nome	Descrição	Norte	Este	Cota
TP380		8.907.659,133	692.381,029	16,877

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
D014	IRRADIAD	8.907.648,328	692.377,086	16,356	200°02'46"	126°42'10"	11,50	-0,52
M029	IRRADIAD	8.907.648,643	692.376,832	16,171	201°48'14"	128°27'38"	11,30	-0,71
M030	IRRADIAD	8.907.652,445	692.373,179	16,471	229°33'56"	156°13'20"	10,31	-0,41
CN001	IRRADIAD	8.907.651,010	692.373,715	16,387	221°59'56"	148°39'20"	10,93	-0,49
CN002	IRRADIAD	8.907.656,475	692.380,658	16,694	187°56'24"	114°35'48"	2,68	-0,18
CN003	IRRADIAD	8.907.660,230	692.383,648	17,152	67°16'47"	353°56'11"	2,84	0,28
F055	IRRADIAD	8.907.654,156	692.384,563	16,929	144°37'10"	71°16'34"	6,10	0,05
F056	IRRADIAD	8.907.666,187	692.386,631	17,851	38°27'22"	325°06'46"	9,01	0,97
D015	IRRADIAD	8.907.681,494	692.388,473	21,057	18°24'48"	305°04'12"	23,57	4,18
C025	IRRADIAD	8.907.679,340	692.386,998	20,466	16°27'29"	303°06'53"	21,07	3,59
C026	IRRADIAD	8.907.680,664	692.392,357	20,613	27°45'03"	314°24'27"	24,33	3,74
C027	IRRADIAD	8.907.685,816	692.392,384	21,708	23°03'09"	309°42'33"	29,00	4,83
CN004	IRRADIAD	8.907.681,593	692.386,947	20,908	14°45'46"	301°25'10"	23,23	4,03
CN005	IRRADIAD	8.907.699,742	692.390,930	24,577	13°42'11"	300°21'35"	41,80	7,70
C028	IRRADIAD	8.907.699,233	692.393,699	24,679	17°32'04"	304°11'28"	42,05	7,80
F057	IRRADIAD	8.907.706,392	692.375,990	25,435	353°54'49"	280°34'13"	47,53	8,56
F058	IRRADIAD	8.907.707,024	692.388,576	26,080	8°57'20"	295°36'44"	48,48	9,20
F059	IRRADIAD	8.907.714,953	692.390,308	27,282	9°26'18"	296°05'42"	56,59	10,41
F060	IRRADIAD	8.907.716,974	692.399,927	28,634	18°05'38"	304°45'02"	60,85	11,76
F061	IRRADIAD	8.907.730,078	692.378,294	31,154	357°47'33"	284°26'57"	71,00	14,28
D016	IRRADIAD	8.907.708,250	692.393,347	26,230	14°04'46"	300°44'10"	50,64	9,35

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Nome	Descrição	Norte	Este	Cota
TP380		8.907.659,133	692.381,029	16,877

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F062	IRRADIAD	8.907.742,208	692.368,859	33,907	351°39'56"	278°19'20"	83,96	17,03
CN006	IRRADIAD	8.907.710,193	692.392,859	26,684	13°02'43"	299°42'07"	52,41	9,81
CN007	IRRADIAD	8.907.717,960	692.393,121	28,309	11°36'55"	298°16'19"	60,06	11,43
F063	IRRADIAD	8.907.757,479	692.373,251	36,858	355°28'40"	282°08'04"	98,65	19,98
F064	IRRADIAD	8.907.760,690	692.376,934	37,797	357°41'27"	284°20'51"	101,64	20,92
F065	IRRADIAD	8.907.730,287	692.400,986	33,093	15°40'03"	302°19'27"	73,90	16,22
F066	IRRADIAD	8.907.748,109	692.401,651	37,330	13°02'57"	299°42'21"	91,33	20,45
CN008	IRRADIAD	8.907.633,990	692.365,354	15,660	211°56'27"	138°35'51"	29,63	-1,22

Nome	Descrição	Norte	Este	Cota
TP381		8.907.745,289	692.396,741	35,874

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
CN009	IRRADIAD	8.907.717,669	692.393,066	28,291	187°34'44"	357°14'37"	27,86	-7,58
CN010	IRRADIAD	8.907.668,971	692.385,020	18,428	188°43'52"	358°23'45"	77,21	-17,45
CN011	IRRADIAD	8.907.714,361	692.393,043	27,429	186°49'06"	356°28'59"	31,15	-8,44
CN012	IRRADIAD	8.907.706,538	692.392,267	25,929	186°35'07"	356°15'00"	39,01	-9,94
CN013	IRRADIAD	8.907.698,675	692.390,832	24,317	187°13'27"	356°53'20"	46,99	-11,56
CN014	IRRADIAD	8.907.734,470	692.391,423	32,959	206°10'23"	15°50'16"	12,06	-2,91
CN015	IRRADIAD	8.907.744,395	692.390,657	34,532	261°38'30"	71°18'23"	6,15	-1,34
CN016	IRRADIAD	8.907.753,006	692.394,891	36,189	346°31'17"	156°11'10"	7,93	0,32
CN017	IRRADIAD	8.907.757,603	692.396,650	37,203	359°34'30"	169°14'23"	12,31	1,33
CN018	IRRADIAD	8.907.759,343	692.388,667	37,238	330°07'25"	139°47'18"	16,21	1,36
CN019	IRRADIAD	8.907.755,853	692.382,556	37,121	306°40'32"	116°20'25"	17,69	1,25
CN020	IRRADIAD	8.907.753,571	692.377,249	36,709	293°01'11"	102°41'04"	21,18	0,84
CN021	IRRADIAD	8.907.750,474	692.371,990	35,379	281°49'54"	91°29'47"	25,29	-0,49
CN022	IRRADIAD	8.907.749,419	692.365,220	34,270	277°27'51"	87°07'44"	31,79	-1,60
D017	IRRADIAD	8.907.749,572	692.372,489	35,202	280°00'57"	89°40'50"	24,63	-0,67
F067	IRRADIAD	8.907.780,155	692.386,441	38,725	343°32'29"	153°12'22"	36,36	2,85
F068	IRRADIAD	8.907.779,241	692.389,731	38,829	348°20'02"	157°59'55"	34,67	2,96
C029	IRRADIAD	8.907.775,596	692.392,070	38,876	351°14'20"	160°54'13"	30,66	3,00

Nome	Descrição	Norte	Este	Cota
TP382		8.907.811,491	692.409,240	42,281

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C030	IRRADIAD	8.907.820,402	692.424,453	46,077	59°38'26"	228°56'56"	17,63	3,80
C031	IRRADIAD	8.907.833,600	692.433,571	46,073	47°44'23"	217°02'53"	32,88	3,79
C032	IRRADIAD	8.907.811,160	692.436,934	46,552	90°41'10"	259°59'40"	27,70	4,27
D020	IRRADIAD	8.907.820,560	692.427,879	46,774	64°03'20"	233°21'50"	20,73	4,49
A001	IRRADIAD	8.907.819,645	692.428,970	46,318	67°32'45"	236°51'15"	21,35	4,04
A002	IRRADIAD	8.907.820,427	692.429,693	46,695	66°23'58"	235°42'28"	22,32	4,41
A003	IRRADIAD	8.907.821,744	692.430,846	46,398	64°36'48"	233°55'18"	23,92	4,12
A004	IRRADIAD	8.907.822,972	692.431,636	46,662	62°51'32"	232°10'02"	25,17	4,38
A005	IRRADIAD	8.907.821,842	692.435,140	46,585	68°13'02"	237°31'32"	27,89	4,30



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Nome	Descrição	Norte	Este	Cota
TP382		8.907.811,491	692.409,240	42,281

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
A006	IRRADIAD	8.907.820,304	692.432,575	46,478	69°18'35"	238°37'05"	24,94	4,20
A007	IRRADIAD	8.907.817,740	692.432,248	46,520	74°48'19"	244°06'49"	23,84	4,24
A008	IRRADIAD	8.907.818,972	692.431,796	46,541	71°39'08"	240°57'38"	23,76	4,26
A009	IRRADIAD	8.907.818,310	692.431,332	46,483	72°50'52"	242°09'22"	23,12	4,20
F069	IRRADIAD	8.907.816,780	692.431,647	46,525	76°43'12"	246°01'42"	23,02	4,24
F070	IRRADIAD	8.907.820,342	692.440,227	46,565	74°03'33"	243°22'03"	32,23	4,28
F071	IRRADIAD	8.907.813,945	692.435,683	46,526	84°41'54"	254°00'24"	26,56	4,24
F072	IRRADIAD	8.907.827,586	692.435,055	46,454	58°03'27"	227°21'57"	30,42	4,17
F073	IRRADIAD	8.907.830,960	692.438,362	46,527	56°14'13"	225°32'43"	35,03	4,25
CN023	IRRADIAD	8.907.765,163	692.400,854	38,489	190°15'36"	359°34'06"	47,08	-3,79
C033	IRRADIAD	8.907.780,346	692.398,783	39,460	198°33'34"	7°52'04"	32,85	-2,82
C034	IRRADIAD	8.907.789,546	692.397,742	40,105	207°39'05"	16°57'35"	24,77	-2,18
C035	IRRADIAD	8.907.794,589	692.394,950	39,936	220°12'49"	29°31'19"	22,13	-2,35
F074	IRRADIAD	8.907.783,647	692.396,478	39,580	204°37'26"	13°55'56"	30,63	-2,70
F075	IRRADIAD	8.907.792,064	692.391,261	39,556	222°46'57"	32°05'27"	26,47	-2,73
D021	IRRADIAD	8.907.792,043	692.393,429	39,702	219°06'37"	28°25'07"	25,06	-2,58
D022	IRRADIAD	8.907.793,278	692.394,650	39,900	218°41'51"	28°00'21"	23,34	-2,38
D023	IRRADIAD	8.907.801,961	692.407,493	41,810	190°23'18"	359°41'48"	9,69	-0,47
CN024	IRRADIAD	8.907.810,346	692.405,992	41,757	250°34'28"	59°52'58"	3,44	-0,52
A010	IRRADIAD	8.907.811,315	692.405,974	41,820	266°54'12"	76°12'42"	3,27	-0,46
A011	IRRADIAD	8.907.813,210	692.412,382	42,733	61°19'31"	230°38'01"	3,58	0,45
A012	IRRADIAD	8.907.806,515	692.389,275	38,684	256°00'12"	65°18'42"	20,58	-3,60
CN025	IRRADIAD	8.907.805,433	692.389,479	38,839	252°57'22"	62°15'52"	20,67	-3,44
F076	IRRADIAD	8.907.827,136	692.386,560	38,937	304°35'51"	113°54'21"	27,55	-3,34
F077	IRRADIAD	8.907.812,913	692.378,361	36,774	272°38'07"	81°56'37"	30,91	-5,51
F078	IRRADIAD	8.907.786,745	692.382,814	38,232	226°52'48"	36°11'18"	36,20	-4,05
F079	IRRADIAD	8.907.789,983	692.369,708	36,472	241°27'02"	50°45'32"	45,00	-5,81
A013	IRRADIAD	8.907.799,487	692.365,537	34,885	254°38'28"	63°56'58"	45,32	-7,40
CN026	IRRADIAD	8.907.798,622	692.365,698	35,061	253°32'05"	62°50'35"	45,40	-7,22
D024	IRRADIAD	8.907.788,614	692.353,098	34,484	247°49'46"	57°08'16"	60,62	-7,80
F080	IRRADIAD	8.907.787,572	692.357,469	35,156	245°12'09"	54°30'39"	57,03	-7,12
F081	IRRADIAD	8.907.798,918	692.334,165	31,315	260°29'33"	69°48'03"	76,12	-10,97
F082	IRRADIAD	8.907.794,893	692.330,185	31,314	258°08'32"	67°27'02"	80,78	-10,97
CN027	IRRADIAD	8.907.790,592	692.338,903	32,301	253°27'06"	62°45'36"	73,38	-9,98
A014	IRRADIAD	8.907.791,485	692.338,537	32,154	254°12'01"	63°30'31"	73,48	-10,13

Nome	Descrição	Norte	Este	Cota
TP383		8.907.783,483	692.342,737	34,375

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
A015	IRRADIAD	8.907.784,494	692.323,389	30,508	272°59'26"	205°49'46"	19,37	-3,87
CN028	IRRADIAD	8.907.779,870	692.330,936	31,347	252°58'33"	185°48'53"	12,34	-3,03
F083	IRRADIAD	8.907.771,406	692.339,753	32,971	193°52'47"	126°43'07"	12,44	-1,40
F084	IRRADIAD	8.907.781,336	692.325,798	30,817	262°46'33"	195°36'53"	17,08	-3,56
CN029	IRRADIAD	8.907.778,488	692.329,690	31,218	249°03'12"	181°53'32"	13,97	-3,16

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Nome	Descrição	Norte	Este	Cota
TP383		8.907.783,483	692.342,737	34,375

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
CN030	IRRADIAD	8.907.775,331	692.327,187	30,863	242°20'00"	175°10'20"	17,56	-3,51
CN031	IRRADIAD	8.907.772,832	692.325,308	30,563	238°34'12"	171°24'32"	20,43	-3,81
CN032	IRRADIAD	8.907.767,953	692.321,726	30,104	233°31'48"	166°22'08"	26,13	-4,27
F086	IRRADIAD	8.907.764,580	692.332,917	31,842	207°27'03"	140°17'23"	21,30	-2,53
A016	IRRADIAD	8.907.781,420	692.316,463	30,122	265°30'38"	198°20'58"	26,36	-4,25
C036	IRRADIAD	8.907.770,348	692.322,943	30,305	236°25'52"	169°16'12"	23,76	-4,07
F087	IRRADIAD	8.907.760,701	692.328,976	31,231	211°07'59"	143°58'19"	26,61	-3,14
F088	IRRADIAD	8.907.768,198	692.317,372	29,862	238°55'37"	171°45'57"	29,61	-4,51
D025	IRRADIAD	8.907.759,681	692.324,459	29,892	217°31'15"	150°21'35"	30,01	-4,48
CN033	IRRADIAD	8.907.758,061	692.313,277	28,123	229°12'27"	162°02'47"	38,91	-6,25
F089	IRRADIAD	8.907.752,650	692.320,028	28,653	216°22'20"	149°12'40"	38,29	-5,72
F090	IRRADIAD	8.907.745,058	692.313,006	27,640	217°43'52"	150°34'12"	48,58	-6,74
C034	IRRADIAD	8.907.750,323	692.306,873	26,439	227°14'36"	160°04'56"	48,84	-7,94
C035	IRRADIAD	8.907.744,162	692.301,443	24,858	226°24'08"	159°14'28"	57,02	-9,52
CN036	IRRADIAD	8.907.749,051	692.296,521	24,738	233°18'48"	166°09'08"	57,63	-9,64

Nome	Descrição	Norte	Este	Cota
BMT002	EST	8.907.637,553	692.352,110	14,282

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F1000	IRR	8.907.563,294	692.439,282	15,601	130°25'36"	357°00'50"	114,51	1,32
CL1000	IRR	8.907.560,695	692.438,267	15,576	131°44'08"	358°19'22"	115,46	1,29
CL1001	IRR	8.907.560,728	692.438,210	13,927	131°44'31"	358°19'45"	115,39	-0,35
CL1002	IRR	8.907.559,083	692.436,545	13,472	132°54'11"	359°29'25"	115,27	-0,81
CL1003	IRR	8.907.559,821	692.435,419	13,454	133°01'00"	359°36'14"	113,94	-0,83
M1000	IRR	8.907.555,981	692.433,085	13,073	135°12'38"	1°47'52"	114,94	-1,21
E1000	IRR	8.907.558,392	692.435,112	13,266	133°38'35"	0°13'49"	114,70	-1,02
CL1004	IRR	8.907.565,791	692.429,732	13,808	132°45'13"	359°20'27"	105,71	-0,47
CL1005	IRR	8.907.566,684	692.428,784	13,825	132°44'49"	359°20'03"	104,41	-0,46
CL1006	IRR	8.907.567,417	692.431,358	14,163	131°30'35"	358°05'49"	105,83	-0,12
CL1007	IRR	8.907.567,500	692.431,397	15,570	131°27'44"	358°02'58"	105,80	1,29
CL1008	IRR	8.907.575,119	692.423,605	15,586	131°07'47"	357°43'01"	94,92	1,30
CL1009	IRR	8.907.574,940	692.423,538	14,164	131°14'16"	357°49'30"	94,99	-0,12
CL1010	IRR	8.907.573,111	692.421,759	13,726	132°46'35"	359°21'49"	94,89	-0,56
CL1011	IRR	8.907.573,967	692.420,834	13,732	132°46'35"	359°21'49"	93,63	-0,55
D1000	IRR	8.907.578,174	692.418,817	13,934	131°40'26"	358°15'40"	89,31	-0,35
M1001	IRR	8.907.570,942	692.417,883	13,347	135°21'46"	1°57'00"	93,61	-0,94
E1001	IRR	8.907.572,948	692.420,230	13,601	133°28'59"	0°04'13"	93,88	-0,68
AV1000	IRR	8.907.560,459	692.427,695	13,048	135°33'59"	2°09'13"	107,97	-1,23
AV1001	IRR	8.907.563,902	692.422,889	13,152	136°08'21"	2°43'35"	102,15	-1,13
CL1012	IRR	8.907.582,002	692.416,289	13,988	130°52'43"	357°27'57"	84,88	-0,29
CL1013	IRR	8.907.582,120	692.416,424	15,592	130°45'30"	357°20'44"	84,91	1,31
CL1014	IRR	8.907.580,136	692.414,471	13,672	132°38'12"	359°13'26"	84,77	-0,61
CL1015	IRR	8.907.581,135	692.413,270	13,663	132°41'26"	359°16'40"	83,21	-0,62
CL1016	IRR	8.907.585,158	692.408,904	13,547	132°41'35"	359°16'49"	77,27	-0,73

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Nome	Descrição	Norte	Este	Cota
BMT002	EST	8.907.637,553	692.352,110	14,282

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
CL1017	IRR	8.907.586,249	692.407,897	13,540	132°36'12"	359°11'26"	75,79	-0,74
CL1018	IRR	8.907.587,235	692.410,927	13,966	130°32'50"	357°08'04"	77,40	-0,32
CL1019	IRR	8.907.587,432	692.411,007	15,588	130°23'52"	356°59'06"	77,34	1,31
CL1020	IRR	8.907.594,200	692.399,925	13,583	132°11'54"	358°47'08"	64,54	-0,70
CL1021	IRR	8.907.594,958	692.398,970	13,619	132°16'14"	358°51'28"	63,33	-0,66
CL1022	IRR	8.907.596,207	692.401,823	13,967	129°45'02"	356°20'16"	64,66	-0,32
CL1023	IRR	8.907.596,355	692.401,842	15,612	129°38'17"	356°13'31"	64,58	1,33
M1002	IRR	8.907.591,480	692.397,102	13,287	135°40'49"	2°16'03"	64,40	-1,00
E1002	IRR	8.907.593,284	692.398,857	13,406	133°26'25"	0°01'39"	64,38	-0,88
AV1002	IRR	8.907.591,943	692.393,837	12,925	137°32'46"	4°08'00"	61,82	-1,36
AV1003	IRR	8.907.596,918	692.390,062	13,254	136°57'21"	3°32'35"	55,60	-1,03
CL1024	IRR	8.907.599,706	692.394,975	13,844	131°26'35"	358°01'49"	57,18	-0,44
CL1025	IRR	8.907.600,541	692.394,122	13,887	131°22'45"	357°57'59"	55,99	-0,40
CL1026	IRR	8.907.601,258	692.396,538	14,277	129°14'49"	355°50'03"	57,37	-0,01
CL1027	IRR	8.907.601,452	692.396,812	15,620	128°55'29"	355°30'43"	57,46	1,34
CL1028	IRR	8.907.603,675	692.390,532	13,983	131°24'13"	357°59'27"	51,22	-0,30
CL1029	IRR	8.907.607,478	692.386,526	14,173	131°08'56"	357°44'10"	45,71	-0,11
CL1030	IRR	8.907.605,613	692.392,398	14,488	128°24'27"	354°59'41"	51,41	0,21
CL1031	IRR	8.907.605,692	692.392,474	15,592	128°17'08"	354°52'22"	51,42	1,31
D1001	IRR	8.907.606,811	692.390,225	15,213	128°53'20"	355°28'34"	48,97	0,93
E1003	IRR	8.907.611,683	692.381,720	14,148	131°08'39"	357°43'53"	39,32	-0,13
M1003	IRR	8.907.609,367	692.379,043	13,674	136°18'07"	2°53'21"	38,99	-0,61
AV1004	IRR	8.907.608,875	692.378,123	13,586	137°47'23"	4°22'37"	38,72	-0,70
CL1032	IRR	8.907.612,805	692.383,485	14,523	128°15'57"	354°51'11"	39,96	0,24
CL1033	IRR	8.907.613,954	692.382,258	14,510	128°03'11"	354°38'25"	38,29	0,23
CL1034	IRR	8.907.613,621	692.384,276	14,668	126°39'00"	353°14'14"	40,09	0,39
CL1035	IRR	8.907.613,693	692.384,352	15,575	126°30'08"	353°05'22"	40,11	1,29
CL1036	IRR	8.907.616,199	692.379,103	14,241	128°20'49"	354°56'03"	34,42	-0,04
CL1037	IRR	8.907.617,326	692.377,982	14,237	128°01'07"	354°36'21"	32,84	-0,04
CL1038	IRR	8.907.617,486	692.380,362	14,562	125°23'09"	351°58'23"	34,65	0,28
CL1039	IRR	8.907.617,557	692.380,409	15,588	125°14'40"	351°49'54"	34,65	1,31
CL1040	IRR	8.907.624,553	692.373,549	15,629	121°13'54"	347°49'08"	25,07	1,35
CL1041	IRR	8.907.624,379	692.373,430	14,476	121°42'45"	348°17'59"	25,06	0,19
CL1042	IRR	8.907.623,113	692.372,110	14,154	125°49'48"	352°25'02"	24,67	-0,13
CL1043	IRR	8.907.624,221	692.371,090	14,175	125°05'05"	351°40'19"	23,19	-0,11
CL1044	IRR	8.907.631,298	692.366,727	15,651	113°09'59"	339°45'13"	15,90	1,37
CL1045	IRR	8.907.631,100	692.366,726	14,547	113°49'17"	340°24'31"	15,98	0,27
CL1046	IRR	8.907.630,185	692.365,551	14,138	118°43'44"	345°18'58"	15,33	-0,14
CL1047	IRR	8.907.631,219	692.364,458	14,088	117°09'27"	343°44'41"	13,88	-0,19
E1004	IRR	8.907.628,458	692.364,412	13,922	126°28'28"	353°03'42"	15,30	-0,36
M1004	IRR	8.907.626,943	692.361,329	13,672	139°00'38"	5°35'52"	14,06	-0,61
M1005	IRR	8.907.629,725	692.358,550	13,817	140°33'34"	7°08'48"	10,14	-0,47
AV1005	IRR	8.907.615,662	692.369,161	13,108	142°05'06"	8°40'20"	27,75	-1,17
AV1006	IRR	8.907.619,490	692.365,719	12,956	143°00'20"	9°35'34"	22,62	-1,33
AV1007	IRR	8.907.626,981	692.359,902	13,198	143°36'32"	10°11'46"	13,13	-1,08

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Nome	Descrição	Norte	Este	Cota
BMT002	EST	8.907.637,553	692.352,110	14,282

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
AV1008	IRR	8.907.630,101	692.352,417	12,945	177°38'41"	44°13'55"	7,46	-1,34
CL1048	IRR	8.907.632,365	692.351,007	12,571	192°00'06"	58°35'20"	5,30	-1,71
CL1049	IRR	8.907.631,600	692.350,669	12,485	193°36'39"	60°11'53"	6,13	-1,80
CL1050	IRR	8.907.630,252	692.353,843	13,751	166°38'50"	33°14'04"	7,50	-0,53
CL1051	IRR	8.907.629,720	692.355,285	13,797	157°56'06"	24°31'20"	8,45	-0,48
M1006	IRR	8.907.630,970	692.355,709	13,757	151°19'49"	17°55'03"	7,50	-0,53
M1007	IRR	8.907.634,492	692.363,321	14,310	105°16'14"	331°51'28"	11,62	0,03
M1008	IRR	8.907.635,757	692.363,075	14,426	99°18'02"	325°53'16"	11,11	0,14
M1009	IRR	8.907.637,032	692.363,651	14,558	92°35'03"	319°10'17"	11,55	0,28
D1012	IRR	8.907.634,498	692.363,549	14,441	104°57'15"	331°32'29"	11,84	0,16
AV1009	IRR	8.907.637,111	692.364,247	15,293	92°05'15"	318°40'29"	12,14	1,01
F1001	IRR	8.907.630,603	692.371,063	15,726	110°08'21"	336°43'35"	20,19	1,44
F1002	IRR	8.907.631,497	692.371,941	15,879	106°58'50"	333°34'04"	20,74	1,60
F1003	IRR	8.907.636,889	692.367,278	15,920	92°30'28"	319°05'42"	15,18	1,64
F1004	IRR	8.907.646,616	692.365,372	15,976	55°39'01"	282°14'15"	16,06	1,69
F1005	IRR	8.907.638,120	692.351,224	14,383	302°35'16"	169°10'30"	1,05	0,10
CL1052	IRR	8.907.638,132	692.353,640	14,248	69°17'14"	295°52'28"	1,64	-0,03
CL1053	IRR	8.907.639,536	692.355,784	16,125	61°38'27"	288°13'41"	4,18	1,84
CL1054	IRR	8.907.640,198	692.356,858	16,147	60°53'01"	287°28'15"	5,44	1,86
CL1055	IRR	8.907.641,157	692.358,292	15,126	59°45'29"	286°20'43"	7,16	0,84
M 1010	IRR	8.907.640,987	692.359,726	14,846	65°43'47"	292°19'01"	8,35	0,56
M 1011	IRR	8.907.637,820	692.355,747	14,205	85°48'27"	312°23'41"	3,65	-0,08
M 1012	IRR	8.907.637,055	692.353,608	13,991	108°24'06"	334°59'20"	1,58	-0,29
M 1013	IRR	8.907.636,956	692.350,739	13,886	246°28'01"	113°03'15"	1,50	-0,40
E1005	IRR	8.907.634,149	692.356,965	14,079	125°02'08"	351°37'22"	5,93	-0,20
E1006	IRR	8.907.640,959	692.337,489	14,299	283°06'44"	149°41'58"	15,01	0,02
M1014	IRR	8.907.642,294	692.338,167	14,249	288°46'45"	155°21'59"	14,73	-0,03
M1015	IRR	8.907.638,745	692.336,616	14,042	274°24'03"	140°59'17"	15,54	-0,24
M1016	IRR	8.907.646,627	692.331,705	14,584	293°58'28"	160°33'42"	22,33	0,30
M1017	IRR	8.907.643,860	692.329,528	14,406	285°36'13"	152°11'27"	23,45	0,12
P1000	IRR	8.907.641,418	692.328,363	12,992	279°14'42"	145°49'56"	24,06	-1,29
P1001	IRR	8.907.636,379	692.335,328	12,318	265°59'57"	132°35'11"	16,82	-1,96
P1002	IRR	8.907.630,484	692.346,811	11,644	216°51'18"	83°26'32"	8,83	-2,64
F1006	IRR	8.907.649,839	692.323,012	14,328	292°53'25"	159°28'39"	31,59	0,05
F1007	IRR	8.907.648,458	692.336,076	16,155	304°13'17"	170°48'31"	19,39	1,87
E1007	IRR	8.907.645,448	692.330,336	14,622	289°55'51"	156°31'05"	23,16	0,34
F1008	IRR	8.907.654,578	692.319,057	14,399	297°15'07"	163°50'21"	37,18	0,12
M1018	IRR	8.907.653,486	692.320,413	14,509	296°41'13"	163°16'27"	35,48	0,23

Nome	Descrição	Norte	Este	Cota
TP420	EST	8.907.653,554	692.320,350	14,620

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
M1019	IRR	8.907.657,279	692.323,101	14,965	36°26'40"	279°42'16"	4,63	0,35
E1008	IRR	8.907.656,798	692.321,097	14,908	12°58'22"	256°13'58"	3,33	0,29

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Nome	Descrição	Norte	Este	Cota
TP420	EST	8.907.653,554	692.320,350	14,620

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E1009	IRR	8.907.672,738	692.314,070	15,301	341°52'20"	225°07'56"	20,19	0,68
E1010	IRR	8.907.681,588	692.312,560	15,454	344°28'11"	227°43'47"	29,10	0,83
M1020	IRR	8.907.672,195	692.312,412	15,067	336°55'57"	220°11'33"	20,26	0,45
M1021	IRR	8.907.673,228	692.315,651	15,357	346°33'58"	229°49'34"	20,23	0,74
AV1010	IRR	8.907.675,618	692.315,242	15,501	346°57'52"	230°13'28"	22,65	0,88
F1009	IRR	8.907.671,743	692.316,409	15,464	347°46'30"	231°02'06"	18,61	0,84
F1010	IRR	8.907.665,803	692.319,191	15,277	354°35'30"	237°51'06"	12,30	0,66

Nome	Descrição	Norte	Este	Cota
TP421	EST	8.907.701,598	692.310,084	17,805

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E1011	IRR	8.907.690,839	692.312,098	16,298	169°23'49"	1°27'30"	10,95	-1,51
CN1000	IRR	8.907.699,158	692.311,968	17,785	142°19'12"	334°22'53"	3,08	-0,02
CN1001	IRR	8.907.689,572	692.321,951	18,162	135°22'48"	327°26'29"	16,89	0,36
F1011	IRR	8.907.688,533	692.321,373	18,644	139°10'14"	331°13'55"	17,27	0,84
F1012	IRR	8.907.681,852	692.314,831	16,032	166°28'59"	358°32'40"	20,31	-1,77
F1013	IRR	8.907.702,093	692.319,567	20,314	87°00'47"	279°04'28"	9,50	2,51
CL1057	IRR	8.907.702,787	692.318,983	20,321	82°23'24"	274°27'05"	8,98	2,52
CL1058	IRR	8.907.701,631	692.317,793	18,864	89°45'20"	281°49'01"	7,71	1,06
CL1059	IRR	8.907.695,127	692.323,575	19,160	115°37'32"	307°41'13"	14,96	1,35
CL1060	IRR	8.907.694,332	692.324,338	19,112	117°00'36"	309°04'17"	16,00	1,31
CL1061	IRR	8.907.695,544	692.324,142	20,143	113°17'54"	305°21'35"	15,31	2,34
F1014	IRR	8.907.695,835	692.324,841	20,164	111°19'52"	303°23'33"	15,84	2,36
AV1011	IRR	8.907.690,196	692.326,716	19,031	124°26'00"	316°29'41"	20,16	1,23
F1015	IRR	8.907.688,867	692.331,824	20,468	120°21'12"	312°24'53"	25,19	2,66
CL1062	IRR	8.907.686,090	692.332,464	20,487	124°43'10"	316°46'51"	27,23	2,68
CL1063	IRR	8.907.685,123	692.331,108	18,988	128°05'01"	320°08'42"	26,71	1,18
CL1064	IRR	8.907.684,324	692.331,639	19,117	128°42'33"	320°46'14"	27,62	1,31
F1016	IRR	8.907.682,688	692.327,359	19,480	137°35'11"	329°38'52"	25,61	1,67
CL1065	IRR	8.907.683,270	692.327,775	18,717	136°00'48"	328°04'29"	25,47	0,91
CN1002	IRR	8.907.683,728	692.328,783	18,692	133°42'02"	325°45'43"	25,86	0,89
CN1003	IRR	8.907.673,608	692.339,722	19,944	133°21'43"	325°25'24"	40,77	2,14
D1004	IRR	8.907.680,537	692.335,675	19,778	129°27'16"	321°30'57"	33,14	1,97
CL1066	IRR	8.907.680,026	692.335,796	19,850	129°59'45"	322°03'26"	33,56	2,04
CL1067	IRR	8.907.675,883	692.339,213	20,001	131°26'17"	323°29'58"	38,86	2,20
F1017	IRR	8.907.659,406	692.350,743	20,363	136°03'38"	328°07'19"	58,59	2,56
CL1068	IRR	8.907.659,422	692.351,460	19,946	135°32'56"	327°36'37"	59,08	2,14
CN1004	IRR	8.907.662,051	692.352,914	19,934	132°43'03"	324°46'44"	58,30	2,13
CN1005	IRR	8.907.668,390	692.345,079	20,205	133°29'59"	325°33'40"	48,24	2,40
CL1069	IRR	8.907.661,298	692.359,647	19,616	129°06'53"	321°10'34"	63,88	1,81
CL1070	IRR	8.907.665,113	692.354,216	20,052	129°34'54"	321°38'35"	57,26	2,25
CL1071	IRR	8.907.668,469	692.350,191	20,346	129°33'24"	321°37'05"	52,02	2,54
CN1005	IRR	8.907.665,845	692.347,848	20,097	133°26'00"	325°29'41"	52,00	2,29
CN1006	IRR	8.907.671,985	692.341,336	20,104	133°27'28"	325°31'09"	43,05	2,30

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Nome	Descrição	Norte	Este	Cota
TP421	EST	8.907.701,598	692.310,084	17,805

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
CL1072	IRR	8.907.674,277	692.343,664	20,454	129°07'57"	321°11'38"	43,29	2,65
CN1008	IRR	8.907.674,848	692.338,466	19,929	133°18'17"	325°21'58"	39,00	2,12
D1005	IRR	8.907.706,733	692.312,125	19,081	21°40'25"	213°44'06"	5,53	1,28
CN1009	IRR	8.907.705,917	692.305,237	18,237	311°42'11"	143°45'52"	6,49	0,43
CN1010	IRR	8.907.702,023	692.302,803	17,722	273°20'40"	105°24'21"	7,29	-0,08
CN1011	IRR	8.907.706,609	692.304,356	18,244	311°10'43"	143°14'24"	7,61	0,44
CN1012	IRR	8.907.705,938	692.304,199	18,216	306°24'25"	138°28'06"	7,31	0,41
CN1013	IRR	8.907.710,633	692.312,070	20,034	12°23'34"	204°27'15"	9,25	2,23
CN1014	IRR	8.907.714,048	692.322,252	22,267	44°20'30"	236°24'11"	17,41	4,46
CN1015	IRR	8.907.722,951	692.315,501	22,714	14°14'01"	206°17'42"	22,03	4,91
CN1016	IRR	8.907.715,811	692.310,066	20,707	359°55'28"	191°59'09"	14,21	2,90
AV1012	IRR	8.907.711,545	692.304,442	19,342	330°26'12"	162°29'53"	11,44	1,54
F1018	IRR	8.907.705,345	692.303,690	18,227	300°22'11"	132°25'52"	7,41	0,42
CN1017	IRR	8.907.711,944	692.299,063	18,705	313°11'16"	145°14'57"	15,12	0,90
CN1018	IRR	8.907.711,344	692.298,677	18,721	310°30'33"	142°34'14"	15,00	0,92
CN1019	IRR	8.907.718,699	692.306,791	20,906	349°05'56"	181°09'37"	17,42	3,10
CN1020	IRR	8.907.727,033	692.311,205	23,058	2°31'19"	194°35'00"	25,46	5,25
CN1021	IRR	8.907.715,846	692.295,206	19,042	313°45'38"	145°49'19"	20,60	1,24
CN1022	IRR	8.907.715,463	692.294,851	19,040	312°18'26"	144°22'07"	20,60	1,23
CN1023	IRR	8.907.719,220	692.291,114	19,390	312°53'19"	144°57'00"	25,89	1,58
CN1024	IRR	8.907.725,273	692.285,043	19,786	313°23'38"	145°27'19"	34,46	1,98
CN1025	IRR	8.907.728,646	692.281,575	20,103	313°29'34"	145°33'15"	39,30	2,30
CN1026	IRR	8.907.732,640	692.277,659	20,415	313°45'06"	145°48'47"	44,89	2,61
CN1027	IRR	8.907.738,110	692.272,000	20,483	313°47'33"	145°51'14"	52,76	2,68
CN1028	IRR	8.907.743,476	692.266,771	19,819	314°02'06"	146°05'47"	60,25	2,01
F1019	IRR	8.907.742,633	692.266,127	20,469	313°01'49"	145°05'30"	60,13	2,66
F1020	IRR	8.907.738,638	692.284,647	22,659	325°31'15"	157°34'56"	44,93	4,85
AV1013	IRR	8.907.743,932	692.273,218	20,729	318°56'57"	151°00'38"	56,14	2,92
AV1014	IRR	8.907.746,008	692.269,940	20,266	317°53'17"	149°56'58"	59,87	2,46
AV1015	IRR	8.907.720,103	692.294,397	19,857	319°42'40"	151°46'21"	24,26	2,05
D1006	IRR	8.907.727,306	692.293,962	20,933	327°54'28"	159°58'09"	30,35	3,13

Nome	Descrição	Norte	Este	Cota
TP422	EST	8.907.743,998	692.281,298	23,788

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C1000	IRR	8.907.752,060	692.275,696	21,880	325°12'20"	179°22'44"	9,82	-1,91
C1001	IRR	8.907.744,654	692.263,460	18,978	272°06'23"	126°16'47"	17,85	-4,81
C1002	IRR	8.907.749,841	692.256,223	18,201	283°07'04"	137°17'28"	25,75	-5,59
C1003	IRR	8.907.745,477	692.252,802	17,224	272°58'15"	127°08'39"	28,53	-6,56
F1021	IRR	8.907.744,276	692.252,209	17,510	270°32'56"	124°43'20"	29,09	-6,28
A1000	IRR	8.907.760,060	692.241,389	15,652	291°55'24"	146°05'48"	43,02	-8,14
A1001	IRR	8.907.758,205	692.235,126	14,290	287°06'13"	141°16'37"	48,31	-9,50
A1002	IRR	8.907.752,402	692.214,405	8,800	277°09'39"	131°20'03"	67,42	-14,99
A1003	IRR	8.907.744,130	692.186,382	7,341	270°04'47"	124°15'11"	94,92	-16,45

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Nome	Descrição	Norte	Este	Cota
TP422	EST	8.907.743,998	692.281,298	23,788

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
NA1000	IRR	8.907.742,412	692.178,115	6,904	269°07'10"	123°17'34"	103,20	-16,88
NA1001	IRR	8.907.749,300	692.174,997	6,919	272°51'19"	127°01'43"	106,43	-16,87
NA1002	IRR	8.907.733,175	692.182,953	6,882	263°43'12"	117°53'36"	98,94	-16,91
PF1000	IRR	8.907.739,195	692.174,867	4,575	267°24'58"	121°35'22"	106,54	-19,21
P1003	IRR	8.907.739,899	692.174,514	7,267	267°48'07"	121°58'31"	106,86	-16,52
P1004	IRR	8.907.738,749	692.172,843	7,233	267°13'45"	121°24'09"	108,58	-16,56
P1005	IRR	8.907.740,696	692.171,474	7,342	268°16'40"	122°27'04"	109,87	-16,45
P1006	IRR	8.907.741,867	692.173,039	7,189	268°52'20"	123°02'44"	108,28	-16,60