

Propriedade: AHE Itaocara I
 Localização: AHE Itaocara I
 Município: Itaocara Estado: RJ
 Proprietário: AHE Itaocara - Light

PLANILHAS DE CÁLCULO - UTM SAD-69 (MC=-45)

Planilha: POLIG4_OK

[TIPO]	Estação	P.Visado	Dist.Horiz.	Azimute	X-Total	Y-Total	Norte	Este	Altitude
Polig	M3	F19	516,419	163°56'40"	174437,872	256322,316	7597305,140	794594,609	66,112
Polig	F19	F18	202,953	317°02'34"	174299,569	256470,850	7597456,093	794458,770	68,019
Polig	F18	F17	58,782	42°33'01"	174339,319	256514,154	7597498,727	794499,237	74,418
Polig	F17	F16	68,737	11°08'18"	174352,598	256581,597	7597565,983	794513,648	74,965
Polig	F16	F15	79,446	34°21'31"	174397,435	256647,181	7597630,849	794559,594	77,428
Polig	F15	F14	110,505	6°29'59"	174409,944	256756,975	7597740,488	794573,938	70,995
Polig	F14	F13	66,972	5°07'12"	174415,921	256823,680	7597807,134	794581,019	71,473
Polig	F13	F12	82,816	340°59'47"	174388,954	256901,982	7597885,915	794555,336	66,686
Polig	F12	F11	75,272	313°35'36"	174334,438	256953,885	7597938,746	794501,641	66,795
Polig	F11	F10	113,489	301°16'45"	174237,445	257012,810	7597999,292	794405,553	66,647
Polig	F10	F9	127,402	288°16'10"	174116,464	257052,748	7598041,251	794285,163	68,360
Polig	F9	F8	68,830	313°41'53"	174066,701	257100,300	7598089,640	794236,154	70,785
Polig	F8	F7	75,130	267°53'45"	173991,621	257097,542	7598088,116	794160,980	74,319
Polig	F7	W7	35,467	151°24'18"	174008,596	257066,401	7598056,675	794177,456	89,613
Polig	W7	W6	315,586	139°23'22"	174214,016	256826,823	7597813,589	794379,033	134,898
Polig	W6	W5	22,049	77°07'20"	174235,510	256831,738	7597818,164	794400,638	136,745
Polig	W5	W4	18,549	96°13'04"	174253,951	256829,728	7597815,852	794419,056	136,978
Polig	W4	W3	38,424	147°40'55"	174274,493	256797,256	7597783,033	794439,076	135,182
Polig	W3	M3	29,625	43°55'50"	174295,047	256818,592	7597804,042	794459,988	128,333
Aux	M3	W1	278,303	148°13'52"	174441,572	256581,985	7597564,902	794602,705	88,527
Aux	M3	L1	322,971	144°19'55"	174483,367	256556,208	7597538,411	794644,090	96,605
Aux	F10	F10A	49,867	27°22'50"	174260,379	257057,090	7598043,280	794429,395	64,900
Aux	F10A	SR19	143,468	204°34'59"	174200,694	256926,626	7597913,751	794367,493	103,838
Aux	F12	SR06	33,396	233°01'55"	174362,272	256881,899	7597866,291	794528,408	77,636
Aux	F14	F14A	54,451	128°38'58"	174452,470	256722,967	7597705,766	794615,983	68,645
Aux	M3	W2	318,350	127°35'44"	174547,288	256624,372	7597605,538	794709,186	65,507
Aux	M3	SRO5	19,854	30°03'52"	174304,994	256835,775	7597821,111	794470,311	118,983
Aux	W6	SR02	9,828	189°22'01"	174212,416	256817,127	7597804,004	794377,375	134,915
Aux	F9	F9A	157,409	174°25'52"	174131,740	256896,082	7597884,349	794297,986	94,621
Aux	F19	F20	182,428	44°00'38"	174564,621	256453,521	7597434,306	794723,673	64,079
Aux	F14A	F14B	174,846	162°20'18"	174505,517	256556,363	7597538,186	794666,259	93,952
Aux	F14A	F21	201,278	141°15'01"	174578,453	256565,993	7597546,596	794739,395	65,184
Aux	F14B	F14C	32,234	231°45'38"	174480,199	256536,412	7597518,650	794640,593	94,330
Aux	F14C	F14D	27,073	174°34'27"	174482,759	256509,461	7597491,642	794642,701	86,543
Aux	F14D	F19	192,394	193°27'44"	174437,969	256322,353	7597305,191	794594,744	66,129
Aux	F19	F20	182,416	43°59'51"	174564,680	256453,577	7597434,354	794723,726	64,037
Aux	F17	F17A	38,678	46°37'42"	174367,435	256540,716	7597524,851	794527,844	71,981
Aux	F9A	F9B	188,033	256°33'42"	173948,855	256852,383	7597843,695	794114,273	107,670
Aux	F9B	F9C	114,323	74°02'58"	174058,776	256883,800	7597873,285	794224,778	81,330
Aux	F9B	W6	266,385	95°29'52"	174214,015	256826,862	7597813,714	794379,142	135,136
Aux	F9B	T2	264,946	111°22'52"	174195,567	256755,792	7597742,918	794359,492	138,560
Aux	F12	SR07	11,969	69°51'25"	174400,191	256906,104	7597889,872	794566,753	63,791
Aux	W1	T8	212,246	288°03'39"	174239,784	256647,787	7597634,120	794401,916	125,251
Aux	W1	W1A	238,029	303°33'12"	174243,205	256713,547	7597699,856	794406,441	131,275
Aux	F14A	W1B	69,041	251°48'02"	174386,883	256701,404	7597685,294	794550,000	79,202
Aux	W1B	W1C	32,934	249°24'12"	174356,054	256689,819	7597674,220	794518,961	84,752
Aux	SR07	F12A	27,197	122°01'05"	174423,251	256891,684	7597875,059	794589,583	62,192

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Planilha: POLIG4_OK

Tipo da Poligonal: Poligonal Apoiada em 2 Pontos

Referência	M1
Estação Inicial	M3
Azimute de Referência	51°12'28"
X Inicial	174295,047
Y Inicial	256818,592
Z Inicial	128,614

Dados do Ponto de Chegada:

Referência	
Estação Chegada	M3
Azimute Final	27°10'40"
X Final	174295,047
Y Final	256818,592
Z Final	128,614

Dados do Fechamento:

Dif. Angular	-0°01'48"
Erro em X	-0,091
Erro em Y	-0,054
Erro Altimétrico	-0,053
Precisão Relativa	1: 32497
Já Compensados	

Valores Máximos Admissíveis para os erros:

Dif. Angular	0°02'00"
Erro Altimétrico	0,500
Precisão Relativa	1: 10000