

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	511144,6822	7805160,687	639,551m	511146,3957	7805230,149	638,063m
CONCEIÇÃO DO PARÁ - MG	511401,5008	7805192,202	673,788m	511458,6098	7805236,9032	646,591m
CONCEIÇÃO DO PARÁ - MG	511449,4979	7805175,557	645,708m	511476,9000	7805231,5155	646,829m
CONCEIÇÃO DO PARÁ - MG	511630,3012	7805177,553	649,758m	511541,8310	7805231,3200	648,002m
CONCEIÇÃO DO PARÁ - MG	511684,0875	7805206,1853	653,119m	511626,8292	7805207,3796	650,001m
CONCEIÇÃO DO PARÁ - MG	511692,7366	7805205,1825	653,552m	511634,3127	7805209,0713	650,340m
CONCEIÇÃO DO PARÁ - MG	511695,4536	7805204,8674	653,688m	511653,8205	7805213,4810	651,219m
CONCEIÇÃO DO PARÁ - MG	511706,3762	7805207,1866	654,030m	511673,3283	7805217,8908	652,241m
CONCEIÇÃO DO PARÁ - MG	511711,9599	7805209,6396	654,199m	511680,5190	7805219,5162	652,470m
CONCEIÇÃO DO PARÁ - MG	511720,0887	7805213,2106	654,221m	511682,7345	7805224,8674	652,426m
CONCEIÇÃO DO PARÁ - MG	511730,3842	7805217,4162	654,135m	511689,5706	7805224,8674	652,719m
CONCEIÇÃO DO PARÁ - MG	511738,6812	7805220,8053	653,949m	511693,3537	7805224,8674	652,882m
CONCEIÇÃO DO PARÁ - MG	511747,7144	7805227,1479	653,505m	511700,2128	7805226,3238	653,141m
CONCEIÇÃO DO PARÁ - MG	511748,3911	7805227,6230	653,485m	511708,6403	7805230,0261	653,165m
CONCEIÇÃO DO PARÁ - MG	511755,3841	7805234,1342	653,480m	511712,2838	7805231,6267	653,045m
CONCEIÇÃO DO PARÁ - MG	511759,0488	7805243,0268	654,000m	511727,1147	7805237,6848	652,712m
CONCEIÇÃO DO PARÁ - MG	511759,6342	7805244,4474	654,001m	511729,0324	7805238,4682	652,660m
CONCEIÇÃO DO PARÁ - MG	511762,4544	7805256,4546	653,480m	511735,7707	7805243,1994	652,399m
CONCEIÇÃO DO PARÁ - MG	511763,4324	7805262,5057	652,916m	511738,5575	7805245,7942	652,264m
CONCEIÇÃO DO PARÁ - MG	511764,5365	7805269,3362	652,378m	511740,5311	7805250,5834	652,034m
CONCEIÇÃO DO PARÁ - MG	511762,2352	7805282,2130	651,988m	511740,6928	7805251,2720	652,001m
CONCEIÇÃO DO PARÁ - MG	511758,7229	7805301,8661	651,957m	511742,8231	7805260,3415	651,995m
CONCEIÇÃO DO PARÁ - MG	511758,7251	7805301,9015	651,957m	511744,2497	7805269,1678	651,993m
CONCEIÇÃO DO PARÁ - MG	511759,9583	7805321,8635	651,976m	511743,9431	7805270,8834	651,992m
CONCEIÇÃO DO PARÁ - MG	511760,0941	7805324,0618	651,979m	511740,4246	7805290,5715	651,978m
CONCEIÇÃO DO PARÁ - MG	511760,3935	7805341,8568	652,000m	511738,6132	7805300,7070	651,970m
CONCEIÇÃO DO PARÁ - MG	511760,6448	7805356,7998	652,000m	511739,2115	7805310,3924	651,974m
CONCEIÇÃO DO PARÁ - MG	511762,2308	7805361,5994	651,978m	511740,1045	7805324,8470	651,992m
CONCEIÇÃO DO PARÁ - MG	511768,5061	7805380,5894	651,919m	511740,1973	7805330,3641	652,000m
CONCEIÇÃO DO PARÁ - MG	511770,0505	7805385,2632	651,856m	511740,5337	7805350,3613	652,000m
CONCEIÇÃO DO PARÁ - MG	511775,9939	7805399,1201	651,808m	511740,6989	7805360,1824	652,000m
CONCEIÇÃO DO PARÁ - MG	511776,7615	7805400,9096	651,805m	511743,8922	7805369,8459	651,954m
CONCEIÇÃO DO PARÁ - MG	511780,8447	7805410,5725	651,799m	511750,1675	7805388,8360	651,571m
CONCEIÇÃO DO PARÁ - MG	511784,0314	7805417,4309	651,904m	511751,3306	7805392,3558	651,505m
CONCEIÇÃO DO PARÁ - MG	511786,2664	7805422,2408	651,911m	511757,7530	7805407,3295	651,261m
CONCEIÇÃO DO PARÁ - MG	511793,9958	7805423,0359	652,107m	511758,3597	7805408,7439	651,244m
CONCEIÇÃO DO PARÁ - MG	511800,2538	7805420,0684	652,363m	511762,5588	7805418,6812	651,208m
CONCEIÇÃO DO PARÁ - MG	511804,8150	7805417,9054	652,540m	511765,7921	7805425,6397	651,319m
CONCEIÇÃO DO PARÁ - MG	511818,4405	7805411,7486	652,984m	511768,7766	7805432,0628	651,319m
CONCEIÇÃO DO PARÁ - MG	511820,9289	7805410,6243	653,002m	511774,6918	7805441,1558	651,466m
CONCEIÇÃO DO PARÁ - MG	511835,6546	7805406,0033	652,813m	511776,7506	7805441,3676	651,508m
CONCEIÇÃO DO PARÁ - MG	511837,4526	7805405,6334	652,707m	511796,6456	7805443,4140	651,924m
CONCEIÇÃO DO PARÁ - MG	511847,7098	7805403,5233	652,565m	511797,5123	7805443,5031	651,944m
CONCEIÇÃO DO PARÁ - MG	511857,0568	7805401,6749	652,616m	511813,2181	7805436,0554	652,462m
CONCEIÇÃO DO PARÁ - MG	511857,5953	7805401,5684	652,623m	511814,8097	7805435,3362	652,510m
CONCEIÇÃO DO PARÁ - MG	511864,8619	7805398,5167	652,689m	511828,0665	7805429,3461	652,882m
CONCEIÇÃO DO PARÁ - MG	511875,8835	7805394,9979	652,981m	511833,2690	7805427,7135	652,988m
CONCEIÇÃO DO PARÁ - MG	511875,9142	7805394,9881	652,982m	511840,6765	7805425,3890	653,015m
CONCEIÇÃO DO PARÁ - MG	511886,0022	7805394,0548	653,340m	511851,6649	7805423,1285	653,020m
CONCEIÇÃO DO PARÁ - MG	511895,5311	7805391,6134	653,661m	511852,6634	7805422,9310	653,020m
CONCEIÇÃO DO PARÁ - MG	511899,2519	7805390,6600	653,787m	511863,4673	7805420,7945	653,094m
CONCEIÇÃO DO PARÁ - MG	511913,4934	7805386,6017	654,699m	511871,7532	7805417,3147	653,180m
CONCEIÇÃO DO PARÁ - MG	511914,7592	7805386,1308	654,800m	511871,7889	7805417,2997	653,180m
CONCEIÇÃO DO PARÁ - MG	511924,5676	7805382,4816	655,676m	511879,9238	7805414,7025	653,251m
CONCEIÇÃO DO PARÁ - MG	511933,9114	7805380,5827	656,843m	511889,4268	7805413,8233	653,458m
CONCEIÇÃO DO PARÁ - MG	511938,6391	7805379,6219	657,519m	511891,2463	7805413,3572	653,482m
CONCEIÇÃO DO PARÁ - MG	511953,4189	7805376,1786	659,026m	511904,4753	7805409,9678	653,754m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	511960,8046	7805374,4579	659,774m	511910,5761	7805408,2293	653,892m
CONCEIÇÃO DO PARÁ - MG	511972,2014	7805372,5599	660,531m	511919,7306	7805405,6206	654,575m
CONCEIÇÃO DO PARÁ - MG	511973,0318	7805372,3259	660,582m	511929,5538	7805401,9659	655,617m
CONCEIÇÃO DO PARÁ - MG	511984,9731	7805368,9606	661,322m	511930,0794	7805401,7703	655,670m
CONCEIÇÃO DO PARÁ - MG	511992,2634	7805366,8360	661,830m	511942,9005	7805399,1647	656,731m
CONCEIÇÃO DO PARÁ - MG	511993,6063	7805366,4446	661,924m	511949,0908	7805397,7225	657,319m
CONCEIÇÃO DO PARÁ - MG	512002,6047	7805363,6238	662,640m	511964,7203	7805394,0812	658,803m
CONCEIÇÃO DO PARÁ - MG	512011,2160	7805360,4689	663,158m	511968,6185	7805393,4320	659,146m
CONCEIÇÃO DO PARÁ - MG	512012,5662	7805359,9742	663,223m	511976,5698	7805392,1079	659,764m
CONCEIÇÃO DO PARÁ - MG	512024,4081	7805353,2356	663,781m	511988,0614	7805388,8694	660,785m
CONCEIÇÃO DO PARÁ - MG	512028,1958	7805350,0689	663,867m	511990,4837	7805388,1867	660,992m
CONCEIÇÃO DO PARÁ - MG	512038,0169	7805341,8576	663,819m	511999,3961	7805385,5893	661,803m
CONCEIÇÃO DO PARÁ - MG	512043,2776	7805336,9440	663,698m	512007,2208	7805383,1365	662,829m
CONCEIÇÃO DO PARÁ - MG	512051,6442	7805329,1292	663,322m	512009,0398	7805382,5663	663,027m
CONCEIÇÃO DO PARÁ - MG	512058,2157	7805323,6573	663,151m	512021,0103	7805378,1805	663,608m
CONCEIÇÃO DO PARÁ - MG	512068,2451	7805315,3060	662,579m	512025,6559	7805375,5370	663,835m
CONCEIÇÃO DO PARÁ - MG	512074,0112	7805311,4281	662,080m	512035,8596	7805369,7306	664,379m
CONCEIÇÃO DO PARÁ - MG	512084,2287	7805304,5564	661,811m	512042,1965	7805364,4325	664,697m
CONCEIÇÃO DO PARÁ - MG	512090,7699	7805300,5194	662,202m	512051,2671	7805356,8488	665,017m
CONCEIÇÃO DO PARÁ - MG	512093,9220	7805298,5741	662,484m	512057,2427	7805351,2674	665,366m
CONCEIÇÃO DO PARÁ - MG	512106,5963	7805288,3310	663,779m	512064,8797	7805344,1341	665,688m
CONCEIÇÃO DO PARÁ - MG	512113,8031	7805282,5065	664,219m	512072,2184	7805338,0233	665,525m
CONCEIÇÃO DO PARÁ - MG	512122,5530	7805276,2893	664,925m	512080,2561	7805331,3306	665,108m
CONCEIÇÃO DO PARÁ - MG	512128,0672	7805272,3712	665,675m	512088,1729	7805326,0062	664,567m
CONCEIÇÃO DO PARÁ - MG	512139,9883	7805266,6208	667,206m	512095,0655	7805321,3706	664,151m
CONCEIÇÃO DO PARÁ - MG	512145,7519	7805263,8405	667,762m	512105,0165	7805315,2292	664,153m
CONCEIÇÃO DO PARÁ - MG	512157,2316	7805257,5015	669,194m	512105,5060	7805314,9271	664,157m
CONCEIÇÃO DO PARÁ - MG	512157,6809	7805257,3130	669,251m	512120,6137	7805302,7173	664,363m
CONCEIÇÃO DO PARÁ - MG	512172,6709	7805251,0221	670,919m	512125,8926	7805298,4511	664,605m
CONCEIÇÃO DO PARÁ - MG	512176,1652	7805249,6793	671,241m	512136,6632	7805290,7980	666,265m
CONCEIÇÃO DO PARÁ - MG	512183,5589	7805246,8379	672,150m	512138,2762	7805289,6519	666,554m
CONCEIÇÃO DO PARÁ - MG	512195,3769	7805244,3399	673,256m	512154,5077	7805281,8222	668,585m
CONCEIÇÃO DO PARÁ - MG	512200,0775	7805243,3464	673,465m	512154,9375	7805281,6149	668,617m
CONCEIÇÃO DO PARÁ - MG	512215,1031	7805241,0802	674,234m	512165,9603	7805275,5282	669,497m
CONCEIÇÃO DO PARÁ - MG	512218,3641	7805240,5883	674,462m	512172,3515	7805272,8460	669,986m
CONCEIÇÃO DO PARÁ - MG	512234,3358	7805245,4737	675,234m	512180,1296	7805269,5818	670,808m
CONCEIÇÃO DO PARÁ - MG	512236,5415	7805246,1484	675,401m	512189,2498	7805266,0769	672,147m
CONCEIÇÃO DO PARÁ - MG	512251,1798	7805256,0871	676,453m	512191,0053	7805265,7059	672,403m
CONCEIÇÃO DO PARÁ - MG	512260,7500	7805262,5847	677,181m	512203,6399	7805263,0353	673,789m
CONCEIÇÃO DO PARÁ - MG	512267,9702	7805266,9407	677,321m	512210,6468	7805261,9785	674,093m
CONCEIÇÃO DO PARÁ - MG	512275,5673	7805271,5240	677,569m	512216,8565	7805261,0419	674,249m
CONCEIÇÃO DO PARÁ - MG	512285,9066	7805275,6372	678,171m	512227,8047	7805264,3907	674,826m
CONCEIÇÃO DO PARÁ - MG	512289,6861	7805277,1407	678,337m	512229,6837	7805265,6665	674,985m
CONCEIÇÃO DO PARÁ - MG	512302,9191	7805286,0137	678,574m	512246,2304	7805276,9008	675,723m
CONCEIÇÃO DO PARÁ - MG	512305,0332	7805287,4313	678,796m	512249,9594	7805279,4326	675,883m
CONCEIÇÃO DO PARÁ - MG	512318,5623	7805297,8598	678,465m	512263,2249	7805287,4357	677,102m
CONCEIÇÃO DO PARÁ - MG	512318,8458	7805298,1019	678,464m	512266,6451	7805289,4991	677,539m
CONCEIÇÃO DO PARÁ - MG	512330,9004	7805308,3984	678,607m	512280,3156	7805294,9375	678,116m
CONCEIÇÃO DO PARÁ - MG	512333,6150	7805311,5328	678,712m	512281,3896	7805295,6576	678,189m
CONCEIÇÃO DO PARÁ - MG	512339,5189	7805318,3497	678,782m	512293,3463	7805303,6748	679,006m
CONCEIÇÃO DO PARÁ - MG	512347,3798	7805326,0184	679,043m	512297,7849	7805307,0962	679,021m
CONCEIÇÃO DO PARÁ - MG	512347,6245	7805326,2571	679,049m	512305,9546	7805313,3935	679,049m
CONCEIÇÃO DO PARÁ - MG	512360,2066	7805339,0169	679,514m	512313,3188	7805319,6837	679,240m
CONCEIÇÃO DO PARÁ - MG	512361,4362	7805340,2455	679,537m	512316,7669	7805322,6289	679,322m
CONCEIÇÃO DO PARÁ - MG	512369,5649	7805348,3678	679,892m	512324,9510	7805332,0787	679,732m
CONCEIÇÃO DO PARÁ - MG	512376,4202	7805353,4082	680,072m	512327,0728	7805334,1486	679,820m
CONCEIÇÃO DO PARÁ - MG	512378,1333	7805354,6678	680,116m	512333,5197	7805340,4378	680,009m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	512388,2283	7805359,5486	680,110m	512341,2386	7805348,2657	680,368m
CONCEIÇÃO DO PARÁ - MG	512394,5923	7805361,5142	680,107m	512346,0176	7805353,1122	680,668m
CONCEIÇÃO DO PARÁ - MG	512397,3316	7805362,3602	680,119m	512355,3505	7805362,4378	681,216m
CONCEIÇÃO DO PARÁ - MG	512414,1181	7805365,7886	679,909m	512356,4986	7805363,5849	681,305m
CONCEIÇÃO DO PARÁ - MG	512421,8833	7805367,3745	679,750m	512367,7696	7805371,8721	681,882m
CONCEIÇÃO DO PARÁ - MG	512433,7526	7805369,5913	679,708m	512371,7195	7805373,7818	681,916m
CONCEIÇÃO DO PARÁ - MG	512441,4726	7805371,0332	679,989m	512380,8829	7805378,2122	681,995m
CONCEIÇÃO DO PARÁ - MG	512453,5555	7805372,2744	680,510m	512390,2673	7805381,1105	681,905m
CONCEIÇÃO DO PARÁ - MG	512461,0470	7805373,0439	681,021m	512392,3676	7805381,7592	681,905m
CONCEIÇÃO DO PARÁ - MG	512473,4724	7805374,0865	681,496m	512409,8093	7805385,3215	682,114m
CONCEIÇÃO DO PARÁ - MG	512485,8931	7805375,1286	681,969m	512418,0460	7805387,0037	683,015m
CONCEIÇÃO DO PARÁ - MG	512493,3376	7805376,2975	682,298m	512429,4422	7805389,1321	683,430m
CONCEIÇÃO DO PARÁ - MG	512512,3992	7805379,2906	683,133m	512438,6100	7805390,8444	683,612m
CONCEIÇÃO DO PARÁ - MG	512513,0979	7805379,3832	683,168m	512449,2278	7805391,9351	683,615m
CONCEIÇÃO DO PARÁ - MG	512530,5373	7805381,6947	683,995m	512459,1889	7805392,9583	682,969m
CONCEIÇÃO DO PARÁ - MG	512532,9320	7805381,9479	684,171m	512469,1405	7805393,7933	682,749m
CONCEIÇÃO DO PARÁ - MG	512548,8400	7805383,6299	685,722m	512483,5027	7805394,9983	683,531m
CONCEIÇÃO DO PARÁ - MG	512552,8116	7805384,1330	686,205m	512489,0224	7805395,8650	683,876m
CONCEIÇÃO DO PARÁ - MG	512562,0875	7805385,3078	687,735m	512508,7803	7805398,9674	684,994m
CONCEIÇÃO DO PARÁ - MG	512572,7003	7805386,1972	688,914m	512509,5337	7805399,0856	685,017m
CONCEIÇÃO DO PARÁ - MG	512591,2819	7805387,7545	689,495m	512528,1715	7805401,5561	686,159m
CONCEIÇÃO DO PARÁ - MG	512592,6231	7805387,9349	689,483m	512528,6056	7805401,6020	686,198m
CONCEIÇÃO DO PARÁ - MG	512611,3871	7805390,4588	688,627m	512546,5317	7805403,4973	688,357m
CONCEIÇÃO DO PARÁ - MG	512612,4343	7805390,6635	688,532m	512548,4901	7805403,7454	688,640m
CONCEIÇÃO DO PARÁ - MG	512629,7015	7805394,0392	687,130m	512559,9949	7805405,2026	690,252m
CONCEIÇÃO DO PARÁ - MG	512631,9705	7805394,8394	687,107m	512568,3688	7805405,9044	691,027m
CONCEIÇÃO DO PARÁ - MG	512643,9024	7805399,0473	687,132m	512588,2989	7805407,5746	691,541m
CONCEIÇÃO DO PARÁ - MG	512650,3804	7805402,5152	687,417m	512589,1123	7805407,6428	691,524m
CONCEIÇÃO DO PARÁ - MG	512655,6238	7805405,3221	687,793m	512608,1248	7805410,2001	691,306m
CONCEIÇÃO DO PARÁ - MG	512668,7524	7805410,3335	688,871m	512608,1325	7805410,2011	691,306m
CONCEIÇÃO DO PARÁ - MG	512672,4560	7805411,7473	689,214m	512624,4290	7805413,3871	690,280m
CONCEIÇÃO DO PARÁ - MG	512686,5078	7805419,4597	690,756m	512627,6234	7805414,5136	690,147m
CONCEIÇÃO DO PARÁ - MG	512686,5135	7805419,4630	690,756m	512635,8101	7805417,4007	689,763m
CONCEIÇÃO DO PARÁ - MG	512698,8488	7805426,4552	692,220m	512645,7893	7805422,7429	689,692m
CONCEIÇÃO DO PARÁ - MG	512703,9575	7805429,2449	692,601m	512647,3046	7805423,5541	689,692m
CONCEIÇÃO DO PARÁ - MG	512719,2797	7805437,6121	693,583m	512664,0387	7805429,9418	690,303m
CONCEIÇÃO DO PARÁ - MG	512721,4898	7805438,8681	693,711m	512664,3626	7805430,1196	690,335m
CONCEIÇÃO DO PARÁ - MG	512733,0805	7805445,4553	694,704m	512676,7645	7805436,9265	691,658m
CONCEIÇÃO DO PARÁ - MG	512739,0208	7805448,4849	695,262m	512681,8562	7805439,8127	692,296m
CONCEIÇÃO DO PARÁ - MG	512744,5087	7805451,2838	695,603m	512689,1241	7805443,9325	693,173m
CONCEIÇÃO DO PARÁ - MG	512756,5861	7805458,0418	695,059m	512699,3451	7805449,5140	694,215m
CONCEIÇÃO DO PARÁ - MG	512759,1798	7805459,4931	694,813m	512709,5453	7805455,0841	695,292m
CONCEIÇÃO DO PARÁ - MG	512774,7631	7805466,3566	693,746m	512716,8292	7805459,2236	696,419m
CONCEIÇÃO DO PARÁ - MG	512776,7364	7805467,2258	693,698m	512723,5914	7805463,0667	697,601m
CONCEIÇÃO DO PARÁ - MG	512793,2913	7805473,8843	693,491m	512734,4792	7805468,6196	699,094m
CONCEIÇÃO DO PARÁ - MG	512795,2076	7805474,6550	693,431m	512735,0788	7805468,9254	699,136m
CONCEIÇÃO DO PARÁ - MG	512809,4829	7805480,9409	693,688m	512750,2457	7805477,4121	698,352m
CONCEIÇÃO DO PARÁ - MG	512811,6196	7805481,8864	693,705m	512752,0276	7805478,1969	698,030m
CONCEIÇÃO DO PARÁ - MG	512817,5262	7805484,5001	693,914m	512768,9721	7805485,6600	697,267m
CONCEIÇÃO DO PARÁ - MG	512829,6440	7805488,8162	694,495m	512770,3496	7805486,2140	697,303m
CONCEIÇÃO DO PARÁ - MG	512830,2990	7805488,9889	694,525m	512787,4440	7805493,0896	697,371m
CONCEIÇÃO DO PARÁ - MG	512849,6388	7805494,0854	695,284m	512788,8852	7805493,7242	697,317m
CONCEIÇÃO DO PARÁ - MG	512850,8798	7805494,4124	695,342m	512801,4063	7805499,2376	697,255m
CONCEIÇÃO DO PARÁ - MG	512869,1938	7805498,2738	696,255m	512807,1846	7805501,7945	697,851m
CONCEIÇÃO DO PARÁ - MG	512877,3054	7805499,9840	696,613m	512810,1140	7805503,0908	698,162m
CONCEIÇÃO DO PARÁ - MG	512888,4304	7805503,4339	696,971m	512823,7299	7805507,9405	699,291m
CONCEIÇÃO DO PARÁ - MG	512888,4891	7805503,4551	696,972m	512825,9954	7805508,5375	699,414m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	512907,2999	7805510,2488	697,663m	512845,3351	7805513,6341	699,110m
CONCEIÇÃO DO PARÁ - MG	512908,4148	7805510,6515	697,711m	512846,2656	7805513,8793	699,169m
CONCEIÇÃO DO PARÁ - MG	512924,5305	7805515,7341	698,000m	512864,8938	7805517,8069	700,142m
CONCEIÇÃO DO PARÁ - MG	512926,3181	7805516,4248	698,041m	512872,2696	7805519,3620	700,386m
CONCEIÇÃO DO PARÁ - MG	512943,6378	7805523,1164	698,406m	512882,0684	7805522,4006	700,881m
CONCEIÇÃO DO PARÁ - MG	512944,8776	7805523,8342	698,459m	512884,1403	7805523,1489	701,008m
CONCEIÇÃO DO PARÁ - MG	512957,8182	7805531,3266	698,928m	512902,0074	7805529,6018	701,640m
CONCEIÇÃO DO PARÁ - MG	512961,7920	7805534,4379	698,970m	512902,9643	7805529,9036	701,636m
CONCEIÇÃO DO PARÁ - MG	512973,0279	7805543,2349	699,175m	512917,9121	7805534,6179	701,809m
CONCEIÇÃO DO PARÁ - MG	512976,5697	7805547,7391	699,406m	512921,9478	7805536,1771	701,783m
CONCEIÇÃO DO PARÁ - MG	512987,7288	7805561,9303	699,900m	512934,9705	7805541,2086	701,292m
CONCEIÇÃO DO PARÁ - MG	512988,7822	7805563,5676	699,969m	512940,1968	7805544,2345	701,248m
CONCEIÇÃO DO PARÁ - MG	512999,1182	7805579,6330	700,761m	512946,5885	7805547,9351	701,194m
CONCEIÇÃO DO PARÁ - MG	512999,6159	7805580,3791	700,779m	512956,5207	7805555,7115	701,279m
CONCEIÇÃO DO PARÁ - MG	513009,3377	7805594,9502	700,831m	512958,7982	7805557,4946	701,265m
CONCEIÇÃO DO PARÁ - MG	513010,9248	7805596,8604	700,782m	512969,3728	7805570,9425	701,651m
CONCEIÇÃO DO PARÁ - MG	513022,7662	7805611,1126	700,507m	512971,4217	7805573,5482	701,698m
CONCEIÇÃO DO PARÁ - MG	513023,6694	7805612,2729	700,505m	512980,4494	7805587,5802	702,505m
CONCEIÇÃO DO PARÁ - MG	513034,8064	7805626,5806	702,585m	512982,3887	7805590,5944	702,758m
CONCEIÇÃO DO PARÁ - MG	513035,3854	7805628,3574	702,840m	512991,4996	7805604,2499	703,105m
CONCEIÇÃO DO PARÁ - MG	513039,9243	7805642,2875	703,851m	512993,2835	7805606,9237	703,156m
CONCEIÇÃO DO PARÁ - MG	513040,8164	7805647,5616	704,386m	513004,0105	7805619,8346	702,505m
CONCEIÇÃO DO PARÁ - MG	513043,8401	7805665,4377	706,159m	513007,1794	7805623,6487	702,366m
CONCEIÇÃO DO PARÁ - MG	513044,0040	7805667,3005	706,287m	513016,4184	7805635,5180	702,593m
CONCEIÇÃO DO PARÁ - MG	513045,7568	7805687,2236	708,350m	513016,8746	7805636,1040	702,606m
CONCEIÇÃO DO PARÁ - MG	513046,2819	7805693,1920	709,288m	513020,4507	7805647,0794	703,670m
CONCEIÇÃO DO PARÁ - MG	513049,9289	7805706,7175	711,206m	513021,7373	7805654,6854	704,755m
CONCEIÇÃO DO PARÁ - MG	513051,0131	7805710,7385	711,358m	513023,9871	7805667,9859	706,307m
CONCEIÇÃO DO PARÁ - MG	513054,3336	7805726,2218	712,934m	513024,5577	7805674,4714	706,671m
CONCEIÇÃO DO PARÁ - MG	513056,9910	7805738,6135	713,723m	513026,3105	7805694,3945	708,528m
CONCEIÇÃO DO PARÁ - MG	513058,8864	7805745,6906	713,175m	513026,5132	7805696,6987	708,752m
CONCEIÇÃO DO PARÁ - MG	513064,0604	7805765,0098	711,574m	513031,1178	7805713,7757	709,656m
CONCEIÇÃO DO PARÁ - MG	513066,0667	7805772,5012	711,890m	513031,5670	7805715,4419	709,736m
CONCEIÇÃO DO PARÁ - MG	513072,0317	7805783,1946	714,392m	513035,3989	7805733,3099	711,035m
CONCEIÇÃO DO PARÁ - MG	513081,7748	7805800,6609	720,122m	513037,5414	7805743,3004	711,047m
CONCEIÇÃO DO PARÁ - MG	513082,0982	7805801,2408	720,181m	513040,0721	7805752,7498	710,128m
CONCEIÇÃO DO PARÁ - MG	513093,4928	7805816,8628	721,066m	513045,2461	7805772,0689	708,304m
CONCEIÇÃO DO PARÁ - MG	513103,4920	7805830,5718	721,461m	513047,3902	7805780,0748	708,139m
CONCEIÇÃO DO PARÁ - MG	513104,9876	7805833,2090	721,573m	513053,0957	7805790,3031	708,376m
CONCEIÇÃO DO PARÁ - MG	513114,8537	7805850,6061	721,784m	513062,8388	7805807,7694	710,722m
CONCEIÇÃO DO PARÁ - MG	513120,3182	7805860,2416	722,232m	513065,2238	7805812,0450	711,527m
CONCEIÇÃO DO PARÁ - MG	513125,8806	7805867,2185	722,978m	513074,1246	7805824,2480	714,318m
CONCEIÇÃO DO PARÁ - MG	513126,8153	7805868,3909	723,129m	513085,9104	7805840,4064	717,467m
CONCEIÇÃO DO PARÁ - MG	513145,1957	7805870,4965	726,520m	513086,6593	7805841,4332	717,601m
CONCEIÇÃO DO PARÁ - MG	513165,0657	7805872,7728	728,569m	513095,8985	7805857,7248	719,184m
CONCEIÇÃO DO PARÁ - MG	513168,4564	7805873,1612	728,567m	513103,6981	7805871,4778	720,685m
CONCEIÇÃO DO PARÁ - MG	513177,3316	7805867,8403	729,364m	513106,3096	7805874,7535	721,093m
CONCEIÇÃO DO PARÁ - MG	513183,2012	7805865,7250	729,434m	513116,3288	7805887,3203	723,014m
CONCEIÇÃO DO PARÁ - MG	513197,3574	7805860,6236	728,669m	513120,2312	7805887,7674	723,325m
CONCEIÇÃO DO PARÁ - MG	513202,0259	7805858,9702	728,118m	513140,1012	7805890,0437	724,774m
CONCEIÇÃO DO PARÁ - MG	513220,8786	7805852,2935	725,966m	513159,9713	7805892,3200	726,312m
CONCEIÇÃO DO PARÁ - MG	513223,0040	7805851,5408	725,788m	513172,9210	7805893,8035	726,830m
CONCEIÇÃO DO PARÁ - MG	513240,5532	7805848,9105	724,153m	513178,8952	7805890,2218	727,258m
CONCEIÇÃO DO PARÁ - MG	513245,1653	7805848,2193	723,960m	513185,9448	7805885,9954	727,399m
CONCEIÇÃO DO PARÁ - MG	513259,6487	7805853,2625	724,656m	513197,0276	7805882,0014	727,186m
CONCEIÇÃO DO PARÁ - MG	513269,5709	7805856,7175	725,165m	513204,0861	7805879,4578	726,983m
CONCEIÇÃO DO PARÁ - MG	513277,2132	7805862,3498	725,837m	513215,8664	7805875,2858	726,416m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	513282,2891	7805866,0908	726,319m	513227,8691	7805871,0350	726,107m
CONCEIÇÃO DO PARÁ - MG	513292,4655	7805875,2548	727,761m	513235,0556	7805869,9579	726,139m
CONCEIÇÃO DO PARÁ - MG	513302,6925	7805884,4645	728,645m	513243,2492	7805868,7299	726,138m
CONCEIÇÃO DO PARÁ - MG	513307,1676	7805888,8094	729,018m	513254,3126	7805872,5823	726,689m
CONCEIÇÃO DO PARÁ - MG	513316,1843	7805897,5640	729,478m	513260,1390	7805874,6111	726,850m
CONCEIÇÃO DO PARÁ - MG	513321,0090	7805903,2176	729,975m	513269,6342	7805881,6090	727,908m
CONCEIÇÃO DO PARÁ - MG	513329,0955	7805912,6936	730,259m	513271,1465	7805882,9708	728,154m
CONCEIÇÃO DO PARÁ - MG	513332,8983	7805919,2074	730,287m	513286,0085	7805896,3544	729,316m
CONCEIÇÃO DO PARÁ - MG	513336,5299	7805925,4282	730,371m	513289,0299	7805899,0752	729,458m
CONCEIÇÃO DO PARÁ - MG	513341,3216	7805937,2940	731,213m	513300,4620	7805910,1750	729,911m
CONCEIÇÃO DO PARÁ - MG	513343,9967	7805943,9182	731,961m	513301,5795	7805911,2600	729,967m
CONCEIÇÃO DO PARÁ - MG	513349,1530	7805955,6949	733,141m	513312,7234	7805924,3185	730,842m
CONCEIÇÃO DO PARÁ - MG	513350,7212	7805959,2764	733,344m	513313,3663	7805925,4198	730,927m
CONCEIÇÃO DO PARÁ - MG	513355,9555	7805974,4914	734,370m	513318,5274	7805934,2605	731,480m
CONCEIÇÃO DO PARÁ - MG	513357,6679	7805979,4690	734,654m	513322,1832	7805943,3133	731,959m
CONCEIÇÃO DO PARÁ - MG	513363,4766	7805993,0119	735,000m	513325,5599	7805951,6751	732,401m
CONCEIÇÃO DO PARÁ - MG	513363,8562	7805993,8968	735,000m	513329,9647	7805961,7351	733,054m
CONCEIÇÃO DO PARÁ - MG	513372,5171	7806008,0316	735,000m	513332,0739	7805966,5524	733,194m
CONCEIÇÃO DO PARÁ - MG	513374,1187	7806009,8987	735,000m	513336,8694	7805980,4918	733,779m
CONCEIÇÃO DO PARÁ - MG	513383,0302	7806020,2872	734,309m	513338,9961	7805986,6738	733,953m
CONCEIÇÃO DO PARÁ - MG	513387,5831	7806024,6603	734,152m	513344,3028	7805999,0462	734,428m
CONCEIÇÃO DO PARÁ - MG	513398,2664	7806034,9213	734,003m	513346,0463	7806003,1113	734,619m
CONCEIÇÃO DO PARÁ - MG	513401,8569	7806038,6650	734,001m	513354,1845	7806016,3930	734,496m
CONCEIÇÃO DO PARÁ - MG	513412,6254	7806049,8928	733,519m	513356,2977	7806019,8418	734,123m
CONCEIÇÃO DO PARÁ - MG	513415,9823	7806052,8031	733,275m	513366,6860	7806031,9519	732,399m
CONCEIÇÃO DO PARÁ - MG	513431,0939	7806065,9042	732,105m	513368,4791	7806034,0423	732,308m
CONCEIÇÃO DO PARÁ - MG	513434,1329	7806068,5388	732,048m	513380,9172	7806045,9887	731,899m
CONCEIÇÃO DO PARÁ - MG	513445,1318	7806080,1285	731,067m	513384,1162	7806049,0614	731,766m
CONCEIÇÃO DO PARÁ - MG	513451,4955	7806086,8340	731,031m	513394,8897	7806060,2944	731,507m
CONCEIÇÃO DO PARÁ - MG	513459,6568	7806093,8393	730,765m	513398,8285	7806064,4012	731,428m
CONCEIÇÃO DO PARÁ - MG	513473,5960	7806105,8041	730,026m	513409,6406	7806073,7748	731,295m
CONCEIÇÃO DO PARÁ - MG	513474,7430	7806106,9623	730,026m	513420,2961	7806083,0127	731,356m
CONCEIÇÃO DO PARÁ - MG	513488,8165	7806121,1727	730,538m	513424,3559	7806087,2905	731,164m
CONCEIÇÃO DO PARÁ - MG	513502,8900	7806135,3831	731,068m	513437,6927	7806101,3436	730,232m
CONCEIÇÃO DO PARÁ - MG	513504,2063	7806136,7122	731,092m	513438,1675	7806101,7512	730,224m
CONCEIÇÃO DO PARÁ - MG	513516,3815	7806150,1450	731,917m	513453,3436	7806114,7777	730,084m
CONCEIÇÃO DO PARÁ - MG	513529,8129	7806164,9638	732,765m	513459,9552	7806120,4528	730,005m
CONCEIÇÃO DO PARÁ - MG	513534,8765	7806170,5504	733,071m	513467,8974	7806128,4723	730,003m
CONCEIÇÃO DO PARÁ - MG	513543,1501	7806179,8672	733,881m	513481,9709	7806142,6827	730,568m
CONCEIÇÃO DO PARÁ - MG	513555,0706	7806193,2907	735,211m	513489,6846	7806150,4714	730,740m
CONCEIÇÃO DO PARÁ - MG	513556,3583	7806194,8827	735,354m	513495,7543	7806157,1680	730,985m
CONCEIÇÃO DO PARÁ - MG	513568,9360	7806210,4327	736,751m	513509,1857	7806171,9868	731,877m
CONCEIÇÃO DO PARÁ - MG	513573,9475	7806216,6285	737,510m	513519,9894	7806183,9065	732,493m
CONCEIÇÃO DO PARÁ - MG	513581,5283	7806225,9708	738,510m	513522,5875	7806186,8322	732,672m
CONCEIÇÃO DO PARÁ - MG	513592,9141	7806240,0020	739,809m	513535,8676	7806201,7868	733,820m
CONCEIÇÃO DO PARÁ - MG	513594,1696	7806241,4683	740,008m	513539,8102	7806206,2265	734,161m
CONCEIÇÃO DO PARÁ - MG	513607,1773	7806256,6604	741,996m	513548,6539	7806217,1600	734,807m
CONCEIÇÃO DO PARÁ - MG	513615,3182	7806266,1685	743,308m	513558,4074	7806229,2184	735,778m
CONCEIÇÃO DO PARÁ - MG	513620,1608	7806271,8731	744,081m	513561,2370	7806232,7055	736,081m
CONCEIÇÃO DO PARÁ - MG	513633,1039	7806287,1203	746,005m	513573,8391	7806248,2357	737,694m
CONCEIÇÃO DO PARÁ - MG	513634,4976	7806288,7620	746,129m	513577,5502	7806252,8091	738,111m
CONCEIÇÃO DO PARÁ - MG	513645,1258	7806303,0987	746,701m	513586,7274	7806263,5274	739,238m
CONCEIÇÃO DO PARÁ - MG	513646,3362	7806304,7315	746,756m	513599,7351	7806278,7195	741,045m
CONCEIÇÃO DO PARÁ - MG	513652,7169	7806311,6104	747,242m	513600,0985	7806279,1440	741,096m
CONCEIÇÃO DO PARÁ - MG	513660,5143	7806308,0187	748,045m	513612,6800	7806293,9651	742,844m
CONCEIÇÃO DO PARÁ - MG	513669,7918	7806303,7452	748,955m	513618,8237	7806301,2024	743,614m
CONCEIÇÃO DO PARÁ - MG	513671,8273	7806294,1737	749,634m	513625,0807	7806309,6427	744,248m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	513672,3059	7806291,9231	749,785m	513630,9248	7806317,5260	744,817m
CONCEIÇÃO DO PARÁ - MG	513677,7646	7806277,7915	750,898m	513637,8524	7806324,9945	745,476m
CONCEIÇÃO DO PARÁ - MG	513679,5872	7806276,0083	751,000m	513638,9298	7806326,1561	745,567m
CONCEIÇÃO DO PARÁ - MG	513689,3630	7806266,4438	750,983m	513648,1009	7806335,7564	746,526m
CONCEIÇÃO DO PARÁ - MG	513694,4233	7806262,6515	751,000m	513652,7684	7806333,6065	746,753m
CONCEIÇÃO DO PARÁ - MG	513701,3357	7806257,4713	750,548m	513670,9338	7806325,2389	748,134m
CONCEIÇÃO DO PARÁ - MG	513711,9012	7806253,2924	749,360m	513687,2681	7806317,7149	746,580m
CONCEIÇÃO DO PARÁ - MG	513713,7779	7806252,5502	749,148m	513687,6875	7806315,7429	746,431m
CONCEIÇÃO DO PARÁ - MG	513730,0977	7806252,0328	747,586m	513691,5369	7806297,6427	748,418m
CONCEIÇÃO DO PARÁ - MG	513731,7268	7806252,3176	747,429m	513692,0755	7806296,2481	748,585m
CONCEIÇÃO DO PARÁ - MG	513745,7300	7806254,7662	745,652m	513694,8561	7806289,0497	749,191m
CONCEIÇÃO DO PARÁ - MG	513751,4919	7806255,2757	744,929m	513702,4095	7806281,6595	749,671m
CONCEIÇÃO DO PARÁ - MG	513759,2739	7806255,9639	743,934m	513703,7826	7806280,6305	749,853m
CONCEIÇÃO DO PARÁ - MG	513771,4468	7806256,5635	742,213m	513711,1844	7806275,0835	750,067m
CONCEIÇÃO DO PARÁ - MG	513776,2298	7806256,7991	741,628m	513717,8940	7806272,4297	750,023m
CONCEIÇÃO DO PARÁ - MG	513790,6287	7806255,6481	739,769m	513721,4272	7806272,3177	749,940m
CONCEIÇÃO DO PARÁ - MG	513791,3791	7806255,4925	739,654m	513728,6773	7806272,0879	748,978m
CONCEIÇÃO DO PARÁ - MG	513802,9075	7806253,1016	738,480m	513741,2331	7806274,2834	747,179m
CONCEIÇÃO DO PARÁ - MG	513810,8022	7806250,7897	738,429m	513743,1220	7806274,6137	746,950m
CONCEIÇÃO DO PARÁ - MG	513813,6146	7806249,9661	738,448m	513757,9006	7806275,9205	745,570m
CONCEIÇÃO DO PARÁ - MG	513825,5191	7806243,2959	738,129m	513761,1428	7806276,0802	745,299m
CONCEIÇÃO DO PARÁ - MG	513828,2725	7806241,2612	738,048m	513776,5359	7806276,8384	744,262m
CONCEIÇÃO DO PARÁ - MG	513836,7876	7806234,9686	737,950m	513781,1096	7806276,4728	743,997m
CONCEIÇÃO DO PARÁ - MG	513843,9399	7806228,8504	737,524m	513793,4672	7806275,4850	743,041m
CONCEIÇÃO DO PARÁ - MG	513848,2920	7806225,1277	737,034m	513800,9117	7806273,9411	742,436m
CONCEIÇÃO DO PARÁ - MG	513858,6151	7806215,2712	735,787m	513807,7564	7806272,5216	742,023m
CONCEIÇÃO DO PARÁ - MG	513859,2207	7806214,6929	735,821m	513820,2417	7806268,8653	741,261m
CONCEIÇÃO DO PARÁ - MG	513865,6274	7806207,8257	736,261m	513821,4121	7806268,5226	741,165m
CONCEIÇÃO DO PARÁ - MG	513871,5874	7806200,0829	736,518m	513836,3933	7806260,1285	740,112m
CONCEIÇÃO DO PARÁ - MG	513880,2047	7806188,8879	737,307m	513837,6864	7806259,1729	740,000m
CONCEIÇÃO DO PARÁ - MG	513883,3698	7806183,9414	737,607m	513849,2468	7806250,6298	738,434m
CONCEIÇÃO DO PARÁ - MG	513892,7348	7806169,3051	738,900m	513853,5217	7806246,9731	737,741m
CONCEIÇÃO DO PARÁ - MG	513894,3022	7806167,2006	739,364m	513861,7080	7806239,9705	736,601m
CONCEIÇÃO DO PARÁ - MG	513903,0458	7806155,4607	741,971m	513868,3817	7806233,5984	736,380m
CONCEIÇÃO DO PARÁ - MG	513905,9276	7806150,9392	742,137m	513873,4503	7806228,7590	736,305m
CONCEIÇÃO DO PARÁ - MG	513913,8130	7806138,5671	742,710m	513880,8979	7806220,7760	736,382m
CONCEIÇÃO DO PARÁ - MG	513916,4107	7806133,9145	743,007m	513882,1633	7806219,1321	736,457m
CONCEIÇÃO DO PARÁ - MG	513924,4166	7806119,5756	744,543m	513894,3626	7806203,2836	738,120m
CONCEIÇÃO DO PARÁ - MG	513926,1764	7806116,4608	745,058m	513896,5831	7806200,3989	738,454m
CONCEIÇÃO DO PARÁ - MG	513931,2977	7806107,3959	746,515m	513905,4004	7806186,6187	740,063m
CONCEIÇÃO DO PARÁ - MG	513935,2523	7806098,6610	747,599m	513909,1989	7806180,6822	740,524m
CONCEIÇÃO DO PARÁ - MG	513935,6528	7806097,7765	747,684m	513916,9355	7806170,2944	741,020m
CONCEIÇÃO DO PARÁ - MG	513944,5821	7806088,3294	748,555m	513919,5204	7806166,8236	741,258m
CONCEIÇÃO DO PARÁ - MG	513949,7064	7806085,1513	748,758m	513927,9439	7806153,6074	742,346m
CONCEIÇÃO DO PARÁ - MG	513952,8887	7806083,1777	748,909m	513930,9916	7806148,8255	742,798m
CONCEIÇÃO DO PARÁ - MG	513968,6595	7806079,2381	750,004m	513937,9772	7806136,3141	744,737m
CONCEIÇÃO DO PARÁ - MG	513969,4684	7806079,0361	750,059m	513941,8546	7806129,3695	746,240m
CONCEIÇÃO DO PARÁ - MG	513988,6309	7806079,4152	751,786m	513947,7800	7806118,8813	748,479m
CONCEIÇÃO DO PARÁ - MG	513990,7063	7806079,4563	751,926m	513949,1496	7806116,4572	749,001m
CONCEIÇÃO DO PARÁ - MG	514006,1291	7806078,0733	752,657m	513952,4901	7806109,0787	750,132m
CONCEIÇÃO DO PARÁ - MG	514008,5649	7806077,9389	752,829m	513957,3318	7806103,9563	751,083m
CONCEIÇÃO DO PARÁ - MG	514028,5345	7806076,8377	753,671m	513959,0891	7806102,8664	751,305m
CONCEIÇÃO DO PARÁ - MG	514037,7851	7806076,3276	754,199m	513960,7711	7806101,8232	751,517m
CONCEIÇÃO DO PARÁ - MG	514048,3180	7806078,4028	754,789m	513971,7336	7806099,0848	752,939m
CONCEIÇÃO DO PARÁ - MG	514062,3178	7806081,1612	754,828m	513978,4537	7806099,2178	753,691m
CONCEIÇÃO DO PARÁ - MG	514067,9253	7806082,3449	755,165m	513991,4037	7806099,4740	755,005m
CONCEIÇÃO DO PARÁ - MG	514084,8832	7806085,9247	757,503m	513998,4230	7806098,8446	755,026m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	514087,5471	7806086,0791	757,755m	514007,5733	7806098,0240	755,186m
CONCEIÇÃO DO PARÁ - MG	514105,6537	7806087,1279	759,002m	514018,3699	7806097,4286	755,637m
CONCEIÇÃO DO PARÁ - MG	514107,4948	7806086,8429	759,007m	514036,3808	7806096,4354	757,088m
CONCEIÇÃO DO PARÁ - MG	514127,2593	7806083,7832	759,165m	514038,3055	7806096,8146	757,221m
CONCEIÇÃO DO PARÁ - MG	514128,0572	7806083,6597	759,162m	514057,9282	7806100,6808	758,251m
CONCEIÇÃO DO PARÁ - MG	514147,1344	7806081,5581	759,222m	514058,3190	7806100,7578	758,261m
CONCEIÇÃO DO PARÁ - MG	514156,5560	7806080,5202	759,290m	514077,4980	7806104,8065	758,997m
CONCEIÇÃO DO PARÁ - MG	514167,0616	7806079,9435	759,553m	514082,2245	7806105,8043	759,006m
CONCEIÇÃO DO PARÁ - MG	514186,8998	7806078,8543	760,416m	514097,3685	7806106,6815	759,020m
CONCEIÇÃO DO PARÁ - MG	514187,0317	7806078,8527	760,422m	514106,6159	7806107,2172	759,026m
CONCEIÇÃO DO PARÁ - MG	514207,0303	7806078,6148	761,343m	514117,2266	7806105,5746	759,486m
CONCEIÇÃO DO PARÁ - MG	514214,7937	7806078,5225	761,641m	514130,6833	7806103,4914	760,001m
CONCEIÇÃO DO PARÁ - MG	514227,0289	7806078,6716	762,221m	514137,0279	7806102,7924	760,009m
CONCEIÇÃO DO PARÁ - MG	514241,7558	7806078,8511	763,004m	514156,9077	7806100,6025	760,043m
CONCEIÇÃO DO PARÁ - MG	514247,0278	7806078,8511	763,306m	514158,2004	7806100,4601	760,045m
CONCEIÇÃO DO PARÁ - MG	514262,0876	7806078,8511	763,962m	514176,8717	7806099,4350	760,085m
CONCEIÇÃO DO PARÁ - MG	514266,9918	7806078,2561	764,430m	514187,5673	7806098,8478	760,821m
CONCEIÇÃO DO PARÁ - MG	514286,8463	7806075,8477	765,861m	514196,8550	7806098,7373	761,000m
CONCEIÇÃO DO PARÁ - MG	514289,4836	7806075,5277	765,975m	514214,7908	7806098,5239	760,789m
CONCEIÇÃO DO PARÁ - MG	514306,7210	7806073,6140	767,081m	514216,8535	7806098,5491	760,833m
CONCEIÇÃO DO PARÁ - MG	514310,3296	7806073,2133	767,215m	514236,8521	7806098,7928	761,725m
CONCEIÇÃO DO PARÁ - MG	514326,6242	7806071,6521	767,266m	514241,6339	7806098,8511	762,096m
CONCEIÇÃO DO PARÁ - MG	514333,9789	7806070,9474	767,223m	514256,8517	7806098,8511	762,975m
CONCEIÇÃO DO PARÁ - MG	514346,3800	7806068,6527	767,267m	514263,2963	7806098,8511	763,427m
CONCEIÇÃO DO PARÁ - MG	514351,0053	7806067,7969	767,247m	514276,7531	7806097,2187	764,456m
CONCEIÇÃO DO PARÁ - MG	514365,8455	7806064,0898	766,426m	514291,7913	7806095,3944	765,569m
CONCEIÇÃO DO PARÁ - MG	514371,2571	7806062,7379	766,416m	514296,6132	7806094,8591	765,884m
CONCEIÇÃO DO PARÁ - MG	514384,8179	7806057,8285	766,099m	514312,3869	7806093,1078	766,746m
CONCEIÇÃO DO PARÁ - MG	514393,0448	7806054,8501	764,744m	514316,4974	7806092,7140	766,962m
CONCEIÇÃO DO PARÁ - MG	514403,2358	7806050,0836	762,784m	514336,4063	7806090,8065	767,010m
CONCEIÇÃO DO PARÁ - MG	514408,2199	7806047,7525	761,755m	514336,7575	7806090,7728	767,010m
CONCEIÇÃO DO PARÁ - MG	514421,5170	7806041,9759	758,830m	514355,2524	7806087,3505	766,634m
CONCEIÇÃO DO PARÁ - MG	514424,6336	7806040,6220	757,959m	514356,0657	7806087,1474	766,590m
CONCEIÇÃO DO PARÁ - MG	514438,9256	7806032,1742	754,932m	514375,4695	7806082,3003	765,308m
CONCEIÇÃO DO PARÁ - MG	514442,7594	7806029,9082	754,270m	514377,1001	7806081,8929	765,188m
CONCEIÇÃO DO PARÁ - MG	514454,8910	7806023,9123	751,626m	514394,3253	7806075,6569	762,811m
CONCEIÇÃO DO PARÁ - MG	514456,6520	7806022,9347	751,274m	514400,7010	7806073,3486	761,651m
CONCEIÇÃO DO PARÁ - MG	514464,5398	7806018,5561	750,438m	514412,6753	7806067,7481	759,312m
CONCEIÇÃO DO PARÁ - MG	514474,7392	7806014,4944	749,909m	514416,4427	7806065,9861	758,616m
CONCEIÇÃO DO PARÁ - MG	514483,2392	7806011,1094	749,612m	514430,9718	7806059,6742	756,116m
CONCEIÇÃO DO PARÁ - MG	514493,5460	7806007,7169	749,628m	514433,7415	7806058,4710	755,724m
CONCEIÇÃO DO PARÁ - MG	514505,5688	7806003,7596	749,500m	514448,3591	7806049,8308	753,789m
CONCEIÇÃO DO PARÁ - MG	514512,5837	7806001,5900	749,591m	514452,2918	7806047,5062	753,447m
CONCEIÇÃO DO PARÁ - MG	514522,1652	7805998,6267	749,807m	514464,1805	7806041,6305	752,479m
CONCEIÇÃO DO PARÁ - MG	514531,8258	7805996,1594	749,965m	514466,0780	7806040,5771	752,323m
CONCEIÇÃO DO PARÁ - MG	514533,0088	7805995,8573	749,985m	514473,1281	7806036,6636	751,765m
CONCEIÇÃO DO PARÁ - MG	514547,1510	7805991,2158	750,130m	514484,2176	7806032,2473	751,253m
CONCEIÇÃO DO PARÁ - MG	514550,8163	7805989,8990	750,207m	514490,0718	7806029,9160	750,978m
CONCEIÇÃO DO PARÁ - MG	514558,2515	7805987,2278	750,390m	514503,0837	7806025,6331	750,586m
CONCEIÇÃO DO PARÁ - MG	514568,9309	7805982,5883	750,680m	514511,6505	7806022,8133	750,363m
CONCEIÇÃO DO PARÁ - MG	514569,3029	7805982,3249	750,680m	514522,1413	7806019,5687	750,705m
CONCEIÇÃO DO PARÁ - MG	514580,2568	7805974,5721	750,687m	514527,5978	7806017,8812	750,864m
CONCEIÇÃO DO PARÁ - MG	514585,3605	7805970,4188	750,710m	514538,6079	7806015,0692	751,412m
CONCEIÇÃO DO PARÁ - MG	514599,4054	7805958,9893	751,046m	514541,3871	7806014,1571	751,528m
CONCEIÇÃO DO PARÁ - MG	514601,0348	7805958,0272	751,107m	514553,6517	7806010,1319	751,977m
CONCEIÇÃO DO PARÁ - MG	514614,5907	7805950,0233	751,679m	514560,3258	7806007,7341	752,217m
CONCEIÇÃO DO PARÁ - MG	514618,2265	7805947,8081	751,873m	514565,6250	7806005,8303	752,260m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	514629,2576	7805941,0871	752,454m	514578,7970	7806000,1079	752,167m
CONCEIÇÃO DO PARÁ - MG	514636,0530	7805939,0901	752,923m	514578,8034	7806000,1034	752,167m
CONCEIÇÃO DO PARÁ - MG	514647,5560	7805935,7095	753,661m	514592,3595	7805990,5087	752,062m
CONCEIÇÃO DO PARÁ - MG	514655,2938	7805933,6370	754,188m	514594,9904	7805988,3677	752,021m
CONCEIÇÃO DO PARÁ - MG	514666,0689	7805930,7509	755,000m	514610,5029	7805975,7439	752,353m
CONCEIÇÃO DO PARÁ - MG	514674,6624	7805928,6566	755,774m	514610,8657	7805975,4486	752,367m
CONCEIÇÃO DO PARÁ - MG	514682,8855	7805926,6526	756,506m	514624,8785	7805967,1749	752,839m
CONCEIÇÃO DO PARÁ - MG	514694,3744	7805925,6090	757,566m	514627,6618	7805965,4791	752,952m
CONCEIÇÃO DO PARÁ - MG	514697,4190	7805925,3324	757,870m	514637,4189	7805959,5345	753,571m
CONCEIÇÃO DO PARÁ - MG	514714,2853	7805926,9422	759,359m	514645,6456	7805957,1167	754,059m
CONCEIÇÃO DO PARÁ - MG	514720,2031	7805927,5070	759,924m	514652,9636	7805954,9661	754,628m
CONCEIÇÃO DO PARÁ - MG	514733,1698	7805932,9306	760,873m	514664,9148	7805951,7650	755,407m
CONCEIÇÃO DO PARÁ - MG	514737,8516	7805934,8888	761,231m	514671,0245	7805950,1286	755,757m
CONCEIÇÃO DO PARÁ - MG	514742,6483	7805939,9481	761,605m	514684,3106	7805946,8907	756,744m
CONCEIÇÃO DO PARÁ - MG	514750,5772	7805940,5735	762,285m	514686,1761	7805946,4360	756,893m
CONCEIÇÃO DO PARÁ - MG	514761,1182	7805941,4051	762,994m	514697,3731	7805945,4189	757,925m
CONCEIÇÃO DO PARÁ - MG	514769,3791	7805936,8652	763,461m	514704,1790	7805946,0685	758,486m
CONCEIÇÃO DO PARÁ - MG	514778,0435	7805932,1035	763,907m	514715,2837	7805947,1283	759,075m
CONCEIÇÃO DO PARÁ - MG	514786,4116	7805926,4241	764,326m	514723,4435	7805950,5414	759,658m
CONCEIÇÃO DO PARÁ - MG	514795,3348	7805920,3677	764,757m	514726,2412	7805951,7116	759,871m
CONCEIÇÃO DO PARÁ - MG	514803,0225	7805915,2858	765,109m	514733,4190	7805959,2821	760,454m
CONCEIÇÃO DO PARÁ - MG	514819,7067	7805904,2567	765,810m	514739,9338	7805959,7961	760,861m
CONCEIÇÃO DO PARÁ - MG	514824,3155	7805901,2101	766,020m	514759,8719	7805961,3689	761,945m
CONCEIÇÃO DO PARÁ - MG	514835,8475	7805892,4612	766,626m	514765,5085	7805961,8135	762,247m
CONCEIÇÃO DO PARÁ - MG	514842,1843	7805887,6538	766,892m	514778,0809	7805954,9042	762,258m
CONCEIÇÃO DO PARÁ - MG	514851,9574	7805880,6115	767,394m	514788,4985	7805949,1791	763,871m
CONCEIÇÃO DO PARÁ - MG	514868,1836	7805868,9192	768,466m	514795,2113	7805944,6231	764,132m
CONCEIÇÃO DO PARÁ - MG	514877,0215	7805862,5507	769,071m	514806,4656	7805936,9847	764,472m
CONCEIÇÃO DO PARÁ - MG	514884,4281	7805857,2524	769,420m	514811,8031	7805933,4563	764,632m
CONCEIÇÃO DO PARÁ - MG	514900,6947	7805845,6163	770,571m	514828,4872	7805922,4272	765,278m
CONCEIÇÃO DO PARÁ - MG	514906,0353	7805841,7959	770,945m	514835,8862	7805917,5361	765,656m
CONCEIÇÃO DO PARÁ - MG	514916,1816	7805832,9916	771,553m	514844,7536	7805910,8088	766,127m
CONCEIÇÃO DO PARÁ - MG	514930,9559	7805820,1715	772,722m	514854,0763	7805903,7361	766,641m
CONCEIÇÃO DO PARÁ - MG	514931,2797	7805819,8752	772,756m	514860,8086	7805898,8849	767,016m
CONCEIÇÃO DO PARÁ - MG	514944,6420	7805807,6464	773,696m	514877,0348	7805887,1926	768,050m
CONCEIÇÃO DO PARÁ - MG	514945,4712	7805805,9518	773,781m	514888,6858	7805878,7971	768,751m
CONCEIÇÃO DO PARÁ - MG	514950,9531	7805794,7475	774,305m	514893,2724	7805875,5161	769,025m
CONCEIÇÃO DO PARÁ - MG	514953,5409	7805787,6798	774,598m	514909,5389	7805863,8800	770,190m
CONCEIÇÃO DO PARÁ - MG	514956,2589	7805780,2566	774,898m	514918,4345	7805857,5166	770,745m
CONCEIÇÃO DO PARÁ - MG	514963,2442	7805770,3829	775,000m	514925,2795	7805851,5769	771,115m
CONCEIÇÃO DO PARÁ - MG	514972,8562	7805756,7960	775,000m	514940,3853	7805838,4691	772,221m
CONCEIÇÃO DO PARÁ - MG	514976,0992	7805755,9289	775,000m	514944,2634	7805835,1040	772,557m
CONCEIÇÃO DO PARÁ - MG	514995,4204	7805750,7625	775,000m	514955,2297	7805825,0680	773,354m
CONCEIÇÃO DO PARÁ - MG	514999,7562	7805749,6031	775,000m	514960,9410	7805819,8412	773,536m
CONCEIÇÃO DO PARÁ - MG	515014,3730	7805744,4102	775,000m	514966,3283	7805808,8305	773,829m
CONCEIÇÃO DO PARÁ - MG	515028,9195	7805739,2422	775,000m	514969,3758	7805802,6019	773,995m
CONCEIÇÃO DO PARÁ - MG	515032,9812	7805737,1635		514973,8681	7805790,3326	774,624m
CONCEIÇÃO DO PARÁ - MG	515050,7850	7805728,0517		514974,1241	7805789,6336	774,660m
CONCEIÇÃO DO PARÁ - MG	515056,4554	7805725,1496		514985,0076	7805774,2495	775,000m
CONCEIÇÃO DO PARÁ - MG	515069,3541	7805720,7447	775,001m	514985,4046	7805774,1433	775,000m
CONCEIÇÃO DO PARÁ - MG	515083,4590	7805715,9278	775,074m	515004,7258	7805768,9770	775,000m
CONCEIÇÃO DO PARÁ - MG	515088,2246	7805714,1249	775,276m	515005,6967	7805768,7173	775,000m
CONCEIÇÃO DO PARÁ - MG	515104,9979	7805707,7791	775,788m	515023,5956	7805762,3583	774,961m
CONCEIÇÃO DO PARÁ - MG	515107,0374	7805707,4464	775,798m	515036,8575	7805757,6467	774,831m
CONCEIÇÃO DO PARÁ - MG	515122,9005	7805704,8585	775,912m	515042,1328	7805754,9469	774,815m
CONCEIÇÃO DO PARÁ - MG	515126,8167	7805704,5650	776,010m	515059,9366	7805745,8351	774,856m
CONCEIÇÃO DO PARÁ - MG	515146,7608	7805703,0704	776,794m	515064,2836	7805743,6103	774,891m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	515149,9763	7805702,8295	776,976m	515078,5892	7805738,7250	775,022m
CONCEIÇÃO DO PARÁ - MG	515166,6128	7805700,6746	777,473m	515090,2311	7805734,7492	775,358m
CONCEIÇÃO DO PARÁ - MG	515167,0262	7805700,6210	777,485m	515097,4310	7805732,0253	775,711m
CONCEIÇÃO DO PARÁ - MG	515185,7387	7805694,8467	778,003m	515110,1983	7805727,1951	776,272m
CONCEIÇÃO DO PARÁ - MG	515188,1585	7805694,1000	778,009m	515116,4650	7805726,1728	776,470m
CONCEIÇÃO DO PARÁ - MG	515203,5501	7805685,8407	778,019m	515125,2623	7805724,7376	776,546m
CONCEIÇÃO DO PARÁ - MG	515206,2251	7805684,4053	778,023m	515136,3177	7805723,9091	776,795m
CONCEIÇÃO DO PARÁ - MG	515222,3200	7805679,0446	778,439m	515152,0096	7805722,7332	777,169m
CONCEIÇÃO DO PARÁ - MG	515227,9464	7805677,1706	778,602m	515156,2384	7805722,1854	777,258m
CONCEIÇÃO DO PARÁ - MG	515242,0049	7805677,7325	778,845m	515171,2903	7805720,2358	777,580m
CONCEIÇÃO DO PARÁ - MG	515247,5805	7805677,9553	778,925m	515175,8982	7805718,8139	777,707m
CONCEIÇÃO DO PARÁ - MG	515261,5967	7805681,3437	778,817m	515195,0090	7805712,9167	778,020m
CONCEIÇÃO DO PARÁ - MG	515269,9169	7805683,3550	778,606m	515195,9075	7805712,6394	778,021m
CONCEIÇÃO DO PARÁ - MG	515280,6879	7805687,2102	778,204m	515212,7020	7805703,6273	778,053m
CONCEIÇÃO DO PARÁ - MG	515293,4658	7805691,7838	778,048m	515214,1715	7805702,8388	778,056m
CONCEIÇÃO DO PARÁ - MG	515299,2495	7805694,5893	777,688m	515230,7992	7805697,3006	778,051m
CONCEIÇÃO DO PARÁ - MG	515317,2442	7805703,3181	776,440m	515231,6051	7805697,3328	778,051m
CONCEIÇÃO DO PARÁ - MG	515319,7735	7805704,5451	776,306m	515244,8045	7805697,8603	778,239m
CONCEIÇÃO DO PARÁ - MG	515335,6360	7805711,1659	775,445m	515251,4045	7805699,4558	778,041m
CONCEIÇÃO DO PARÁ - MG	515346,7783	7805715,8166	775,002m	515264,1810	7805702,5445	777,629m
CONCEIÇÃO DO PARÁ - MG	515353,6451	7805719,7751	774,508m	515270,6354	7805704,8547	777,406m
CONCEIÇÃO DO PARÁ - MG	515365,2299	7805726,4533	773,485m	515285,7090	7805710,2499	776,901m
CONCEIÇÃO DO PARÁ - MG	515370,6951	7805730,2036	772,895m	515289,2989	7805711,9913	776,757m
CONCEIÇÃO DO PARÁ - MG	515387,1859	7805741,5196	771,520m	515307,2936	7805720,7201	776,098m
CONCEIÇÃO DO PARÁ - MG	515394,0495	7805746,2294	771,036m	515311,5508	7805722,7852	775,833m
CONCEIÇÃO DO PARÁ - MG	515402,8632	7805753,8874	770,051m	515325,6410	7805728,6663	774,899m
CONCEIÇÃO DO PARÁ - MG	515417,6329	7805766,7204	767,829m	515337,8961	7805733,7815	774,320m
CONCEIÇÃO DO PARÁ - MG	515417,9712	7805766,9922	767,763m	515343,7183	7805737,1377	774,023m
CONCEIÇÃO DO PARÁ - MG	515433,5636	7805779,5173	765,019m	515354,5612	7805743,3883	773,051m
CONCEIÇÃO DO PARÁ - MG	515434,7524	7805780,4722	764,797m	515360,7324	7805747,6231	772,435m
CONCEIÇÃO DO PARÁ - MG	515447,8696	7805791,2854	762,631m	515377,2232	7805758,9391	771,231m
CONCEIÇÃO DO PARÁ - MG	515449,1071	7805792,0891	762,466m	515381,7930	7805762,0749	770,975m
CONCEIÇÃO DO PARÁ - MG	515452,8123	7805794,4956	761,973m	515392,7067	7805771,5575	770,089m
CONCEIÇÃO DO PARÁ - MG	515461,6080	7805796,8393	761,164m	515404,8067	7805782,0709	767,947m
CONCEIÇÃO DO PARÁ - MG	515467,7930	7805798,7696	760,484m	515407,9022	7805784,5575	767,304m
CONCEIÇÃO DO PARÁ - MG	515478,3942	7805802,0782	759,299m	515422,1285	7805795,9852	763,372m
CONCEIÇÃO DO PARÁ - MG	515486,9278	7805804,5861	758,471m	515423,4806	7805797,0998	763,042m
CONCEIÇÃO DO PARÁ - MG	515495,6338	7805807,1447	757,599m	515436,0239	7805807,4399	760,848m
CONCEIÇÃO DO PARÁ - MG	515506,0941	7805810,3000	756,434m	515439,1639	7805809,4793	760,460m
CONCEIÇÃO DO PARÁ - MG	515513,3468	7805812,4877	755,566m	515444,5877	7805813,0019	760,043m
CONCEIÇÃO DO PARÁ - MG	515525,4340	7805815,3634	754,325m	515456,0516	7805816,0565	759,730m
CONCEIÇÃO DO PARÁ - MG	515529,5746	7805816,3485	753,924m	515457,6446	7805816,5537	759,582m
CONCEIÇÃO DO PARÁ - MG	515540,3796	7805825,3454	752,416m	515472,5950	7805821,2197	758,437m
CONCEIÇÃO DO PARÁ - MG	515541,4004	7805826,6841	752,242m	515476,7574	7805822,4430	758,184m
CONCEIÇÃO DO PARÁ - MG	515547,1785	7805834,2620	751,379m	515489,9262	7805826,3131	757,073m
CONCEIÇÃO DO PARÁ - MG	515551,2621	7805843,2970	750,502m	515495,9331	7805828,1250	756,269m
CONCEIÇÃO DO PARÁ - MG	515551,7173	7805843,6154	750,452m	515508,1398	7805831,8071	754,844m
CONCEIÇÃO DO PARÁ - MG	515554,6983	7805845,7004	750,123m	515515,1930	7805833,4852	754,027m
CONCEIÇÃO DO PARÁ - MG	515559,6534	7805847,4828	749,586m	515520,3819	7805834,7196	753,428m
CONCEIÇÃO DO PARÁ - MG	515570,6605	7805846,0787	748,651m	515525,8456	7805839,2691	752,600m
CONCEIÇÃO DO PARÁ - MG	515572,8783	7805845,7958	748,498m	515529,8924	7805844,5763	751,838m
CONCEIÇÃO DO PARÁ - MG	515583,0070	7805843,8370	747,766m	515530,2558	7805845,3804	751,747m
CONCEIÇÃO DO PARÁ - MG	515590,3006	7805842,3292	747,390m	515535,2989	7805856,5383	750,447m
CONCEIÇÃO DO PARÁ - MG	515595,1174	7805841,3334	747,255m	515541,6540	7805860,9834	749,698m
CONCEIÇÃO DO PARÁ - MG	515607,0266	7805844,5788	746,537m	515545,4198	7805863,6174	749,345m
CONCEIÇÃO DO PARÁ - MG	515609,1150	7805846,3493	746,322m	515557,4112	7805867,9309	748,182m
CONCEIÇÃO DO PARÁ - MG	515620,9728	7805856,4025	745,203m	515560,0506	7805867,5942	747,984m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	515623,4493	7805860,1047	744,914m	515576,0457	7805865,5539	746,855m
CONCEIÇÃO DO PARÁ - MG	515632,8682	7805874,1849	742,788m	515579,8505	7805864,8180	746,431m
CONCEIÇÃO DO PARÁ - MG	515634,4467	7805876,8062	742,415m	515586,9305	7805863,4488	745,713m
CONCEIÇÃO DO PARÁ - MG	515644,7639	7805893,9396	741,527m	515594,4780	7805861,8885	745,062m
CONCEIÇÃO DO PARÁ - MG	515648,3214	7805899,8474	742,144m	515597,4818	7805862,7070	744,662m
CONCEIÇÃO DO PARÁ - MG	515654,1286	7805911,5941	741,479m	515598,9832	7805863,9800	744,380m
CONCEIÇÃO DO PARÁ - MG	515657,2709	7805917,9504	741,155m	515605,9050	7805869,8483	743,686m
CONCEIÇÃO DO PARÁ - MG	515662,8009	7805929,6154	740,406m	515611,9796	7805878,9292	742,333m
CONCEIÇÃO DO PARÁ - MG	515664,9254	7805934,0968	740,122m	515615,9802	7805884,9097	741,267m
CONCEIÇÃO DO PARÁ - MG	515670,7735	7805945,7837	738,258m	515622,5857	7805895,8792	739,011m
CONCEIÇÃO DO PARÁ - MG	515671,8680	7805947,4242	738,039m	515630,7602	7805909,4542	736,561m
CONCEIÇÃO DO PARÁ - MG	515673,7101	7805950,1852	737,702m	515632,6010	7805913,1778	736,143m
CONCEIÇÃO DO PARÁ - MG	515677,9113	7805955,9096	737,162m	515639,2693	7805926,6663	735,357m
CONCEIÇÃO DO PARÁ - MG	515684,4515	7805962,9101	736,728m	515641,3911	7805931,1421	735,209m
CONCEIÇÃO DO PARÁ - MG	515695,7757	7805975,0315	736,601m	515646,9444	7805942,8565	734,663m
CONCEIÇÃO DO PARÁ - MG	515697,9610	7805977,6517	736,595m	515650,0930	7805949,1486	734,306m
CONCEIÇÃO DO PARÁ - MG	515705,3466	7805986,5075	736,319m	515653,4452	7805955,8476	733,919m
CONCEIÇÃO DO PARÁ - MG	515711,2163	7805992,6119	735,996m	515657,3216	7805961,6577	733,908m
CONCEIÇÃO DO PARÁ - MG	515714,9904	7805996,5370	735,699m	515660,5903	7805966,1115	733,938m
CONCEIÇÃO DO PARÁ - MG	515725,6370	7806004,4170	735,215m	515662,4884	7805968,6977	733,899m
CONCEIÇÃO DO PARÁ - MG	515726,7300	7806005,1379	735,186m	515673,9518	7805980,9680	734,261m
CONCEIÇÃO DO PARÁ - MG	515736,4413	7806011,5422	735,064m	515680,7769	7805988,2736	734,497m
CONCEIÇÃO DO PARÁ - MG	515743,0225	7806016,7091	735,135m	515687,1833	7805995,9551	734,473m
CONCEIÇÃO DO PARÁ - MG	515745,9611	7806019,0162	735,251m	515690,4400	7805999,8601	734,307m
CONCEIÇÃO DO PARÁ - MG	515756,8890	7806028,6251	734,873m	515700,7779	7806010,6114	733,801m
CONCEIÇÃO DO PARÁ - MG	515758,1648	7806029,7671	734,752m	515701,7398	7806011,6118	733,761m
CONCEIÇÃO DO PARÁ - MG	515768,0392	7806038,6059	733,943m	515714,1740	7806020,8150	733,480m
CONCEIÇÃO DO PARÁ - MG	515771,9107	7806044,1322	733,726m	515716,7975	7806022,5451	733,384m
CONCEIÇÃO DO PARÁ - MG	515774,7498	7806048,1849	733,522m	515724,7408	7806027,7835	733,227m
CONCEIÇÃO DO PARÁ - MG	515782,6230	7806059,9854	733,023m	515732,9877	7806034,2582	733,249m
CONCEIÇÃO DO PARÁ - MG	515783,1811	7806060,6475	733,011m	515733,1726	7806034,4034	733,253m
CONCEIÇÃO DO PARÁ - MG	515789,3995	7806068,0261	733,059m	515743,6159	7806043,5861	733,151m
CONCEIÇÃO DO PARÁ - MG	515795,3090	7806076,5238	733,084m	515747,9811	7806047,4935	733,101m
CONCEIÇÃO DO PARÁ - MG	515802,0371	7806086,1988	733,088m	515752,9819	7806051,9699	733,165m
CONCEIÇÃO DO PARÁ - MG	515807,3401	7806092,4737	733,081m	515758,2390	7806059,4741	733,035m
CONCEIÇÃO DO PARÁ - MG	515818,3386	7806105,4880	733,036m	515760,5289	7806062,9063	733,019m
CONCEIÇÃO DO PARÁ - MG	515820,0148	7806107,9284	733,017m	515766,6079	7806072,0174	732,999m
CONCEIÇÃO DO PARÁ - MG	515831,3377	7806124,4145	732,072m	515772,4381	7806078,9354	732,953m
CONCEIÇÃO DO PARÁ - MG	515833,8836	7806128,1212	731,870m	515773,5089	7806080,2059	732,933m
CONCEIÇÃO DO PARÁ - MG	515841,4290	7806141,6644	731,285m	515783,9789	7806095,2617	732,867m
CONCEIÇÃO DO PARÁ - MG	515845,7048	7806149,3389	730,720m	515786,1543	7806098,3898	732,887m
CONCEIÇÃO DO PARÁ - MG	515851,0652	7806159,1896	729,864m	515796,6045	7806110,7553	733,005m
CONCEIÇÃO DO PARÁ - MG	515854,1382	7806164,8370	729,318m	515802,4182	7806117,6345	733,005m
CONCEIÇÃO DO PARÁ - MG	515860,6056	7806176,7674	728,435m	515808,6419	7806126,6962	732,747m
CONCEIÇÃO DO PARÁ - MG	515867,8769	7806190,1807	727,544m	515816,8677	7806138,6728	732,380m
CONCEIÇÃO DO PARÁ - MG	515870,5215	7806194,1175	727,261m	515819,5303	7806143,4518	732,245m
CONCEIÇÃO DO PARÁ - MG	515878,6663	7806206,2419	726,361m	515828,1850	7806158,9859	731,945m
CONCEIÇÃO DO PARÁ - MG	515880,7778	7806211,2054	726,013m	515829,2449	7806160,9338	731,782m
CONCEIÇÃO DO PARÁ - MG	515886,7782	7806225,3107	724,572m	515836,5631	7806174,3825	730,734m
CONCEIÇÃO DO PARÁ - MG	515888,6275	7806229,6005	724,068m	515838,7978	7806178,5049	730,434m
CONCEIÇÃO DO PARÁ - MG	515893,0216	7806239,7931	723,284m	515848,3293	7806196,0875	728,770m
CONCEIÇÃO DO PARÁ - MG	515895,6653	7806248,2920	722,748m	515850,7462	7806200,5460	728,315m
CONCEIÇÃO DO PARÁ - MG	515898,4688	7806257,3048	722,185m	515859,0708	7806212,9381	727,216m
CONCEIÇÃO DO PARÁ - MG	515899,3466	7806267,8295	721,529m	515861,0056	7806215,8183	727,004m
CONCEIÇÃO DO PARÁ - MG	515899,9033	7806274,5056	721,066m	515867,4765	7806231,0294	725,764m
CONCEIÇÃO DO PARÁ - MG	515899,4897	7806287,1106	720,367m	515868,3931	7806233,1841	725,507m
CONCEIÇÃO DO PARÁ - MG	515899,6217	7806287,7867	720,321m	515874,2377	7806246,7414	723,856m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	515900,5927	7806292,7588	719,875m	515875,0976	7806249,5057	723,720m
CONCEIÇÃO DO PARÁ - MG	515903,9733	7806297,5845	719,378m	515878,7202	7806261,1518	723,009m
CONCEIÇÃO DO PARÁ - MG	515908,9916	7806305,1060	718,571m	515879,3688	7806268,9283	722,727m
CONCEIÇÃO DO PARÁ - MG	515912,1783	7806309,8822	718,054m	515879,8760	7806275,0104	722,494m
CONCEIÇÃO DO PARÁ - MG	515920,3496	7806321,5669	716,760m	515879,4261	7806288,7195	721,667m
CONCEIÇÃO DO PARÁ - MG	515922,8016	7806325,0732	716,350m	515879,4607	7806288,8965	721,653m
CONCEIÇÃO DO PARÁ - MG	515930,9568	7806334,4430	715,298m	515881,7769	7806300,7579	720,466m
CONCEIÇÃO DO PARÁ - MG	515932,9036	7806337,1071	715,022m	515886,3181	7806307,2400	719,598m
CONCEIÇÃO DO PARÁ - MG	515937,6602	7806343,6165	714,335m	515887,4625	7806308,8736	719,398m
CONCEIÇÃO DO PARÁ - MG	515943,3166	7806352,5652	713,433m	515895,6629	7806321,1645	717,820m
CONCEIÇÃO DO PARÁ - MG	515943,7755	7806353,8362	713,320m	515897,5140	7806323,8115	717,425m
CONCEIÇÃO DO PARÁ - MG	515948,4863	7806366,8816	712,160m	515907,0194	7806337,4039	715,692m
CONCEIÇÃO DO PARÁ - MG	515950,4263	7806372,6967	711,634m	515909,2606	7806339,9788	715,415m
CONCEIÇÃO DO PARÁ - MG	515952,8539	7806379,9737	710,952m	515915,3114	7806346,9309	714,732m
CONCEIÇÃO DO PARÁ - MG	515956,9134	7806391,6149	709,759m	515921,1145	7806354,8722	714,159m
CONCEIÇÃO DO PARÁ - MG	515958,0580	7806394,8972	709,468m	515921,6209	7806355,6734	714,120m
CONCEIÇÃO DO PARÁ - MG	515960,6255	7806405,0166	708,576m	515925,2459	7806361,4084	713,607m
CONCEIÇÃO DO PARÁ - MG	515962,0865	7806410,9224	708,060m	515929,5919	7806373,4436	712,599m
CONCEIÇÃO DO PARÁ - MG	515962,8310	7806413,9320	707,798m	515929,7247	7806373,8416	712,569m
CONCEIÇÃO DO PARÁ - MG	515965,8232	7806424,1827	706,894m	515933,9246	7806386,4312	711,427m
CONCEIÇÃO DO PARÁ - MG	515967,5918	7806430,1472	706,372m	515936,1400	7806392,7843	710,692m
CONCEIÇÃO DO PARÁ - MG	515969,5347	7806436,6993	705,765m	515938,8864	7806400,6601	709,764m
CONCEIÇÃO DO PARÁ - MG	515971,2481	7806449,7533	704,511m	515941,2250	7806409,8773	708,673m
CONCEIÇÃO DO PARÁ - MG	515971,4833	7806451,5454	704,350m	515941,7413	7806411,9643	708,437m
CONCEIÇÃO DO PARÁ - MG	515971,2461	7806462,4508	703,409m	515943,5159	7806419,1378	707,665m
CONCEIÇÃO DO PARÁ - MG	515970,9294	7806469,7284	702,789m	515946,6363	7806429,8278	706,516m
CONCEIÇÃO DO PARÁ - MG	515970,8204	7806472,2334	702,589m	515947,0554	7806431,2411	706,372m
CONCEIÇÃO DO PARÁ - MG	515971,0910	7806481,7049	701,811m	515949,9105	7806440,8695	705,457m
CONCEIÇÃO DO PARÁ - MG	515970,5090	7806489,7010	701,025m	515951,2063	7806450,7420	704,603m
CONCEIÇÃO DO PARÁ - MG	515970,2052	7806493,8749	700,588m	515951,4548	7806452,6356	704,415m
CONCEIÇÃO DO PARÁ - MG	515970,2052	7806508,1929	698,925m	515951,2555	7806461,7985	703,487m
CONCEIÇÃO DO PARÁ - MG	515970,2617	7806509,6889	698,775m	515950,8675	7806470,7152	702,612m
CONCEIÇÃO DO PARÁ - MG	515970,6264	7806519,3453	697,819m	515950,8080	7806472,0840	702,490m
CONCEIÇÃO DO PARÁ - MG	515971,5303	7806529,6424	696,845m	515951,0702	7806481,2634	701,571m
CONCEIÇÃO DO PARÁ - MG	515971,6212	7806530,6773	696,742m	515950,3844	7806490,6852	700,643m
CONCEIÇÃO DO PARÁ - MG	515974,2167	7806540,2533	695,816m	515950,2052	7806493,1480	700,412m
CONCEIÇÃO DO PARÁ - MG	515976,6964	7806548,9462	694,954m	515950,2052	7806508,5704	698,905m
CONCEIÇÃO DO PARÁ - MG	515977,2355	7806550,8360	694,776m	515950,2848	7806510,6772	698,998m
CONCEIÇÃO DO PARÁ - MG	515980,4957	7806560,6089	693,820m	515950,6594	7806520,5980	697,699m
CONCEIÇÃO DO PARÁ - MG	515983,4517	7806565,1871	693,377m	515951,5402	7806530,6315	696,661m
CONCEIÇÃO DO PARÁ - MG	515985,1621	7806566,6990	693,283m	515951,8531	7806534,1954	696,290m
CONCEIÇÃO DO PARÁ - MG	515986,0630	7806567,4953	693,234m	515954,9478	7806545,6127	695,167m
CONCEIÇÃO DO PARÁ - MG	515991,1023	7806568,4479	693,292m	515956,2077	7806550,0297	694,751m
CONCEIÇÃO DO PARÁ - MG	516002,2049	7806569,6806	693,465m	515958,1237	7806556,7465	694,134m
CONCEIÇÃO DO PARÁ - MG	516004,7015	7806569,7729	693,453m	515962,2424	7806569,0929	692,731m
CONCEIÇÃO DO PARÁ - MG	516012,5617	7806570,0638	693,391m	515962,3231	7806569,3348	692,705m
CONCEIÇÃO DO PARÁ - MG	516018,7249	7806568,8987	693,495m	515968,1431	7806578,3487	691,892m
CONCEIÇÃO DO PARÁ - MG	516024,2122	7806566,8365	693,641m	515975,9986	7806582,7724	691,638m
CONCEIÇÃO DO PARÁ - MG	516030,4749	7806564,4828	693,689m	515976,9406	7806583,3029	691,609m
CONCEIÇÃO DO PARÁ - MG	516041,4235	7806558,8242	693,989m	515988,1370	7806585,9069	691,612m
CONCEIÇÃO DO PARÁ - MG	516042,1321	7806558,1397	694,034m	515995,5545	7806586,2082	691,734m
CONCEIÇÃO DO PARÁ - MG	516047,2489	7806553,1974	694,339m	515995,6793	7806586,2133	691,736m
CONCEIÇÃO DO PARÁ - MG	516057,1687	7806544,9726	694,463m	516011,2993	7806586,2213	692,000m
CONCEIÇÃO DO PARÁ - MG	516058,0048	7806544,2794	694,473m	516015,5531	7806586,1171	692,157m
CONCEIÇÃO DO PARÁ - MG	516065,6415	7806538,3180	694,618m	516024,1407	7806585,9069	692,231m
CONCEIÇÃO DO PARÁ - MG	516073,5411	7806533,5521	694,710m	516035,2948	7806583,5048	692,223m
CONCEIÇÃO DO PARÁ - MG	516077,7802	7806530,9948	694,791m	516038,6124	7806582,7903	692,193m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	516087,4079	7806525,0395	694,968m	516053,2101	7806575,2458	692,356m
CONCEIÇÃO DO PARÁ - MG	516090,7588	7806523,4043	694,963m	516053,3355	7806575,1246	692,363m
CONCEIÇÃO DO PARÁ - MG	516097,2606	7806520,2315	694,823m	516060,5982	7806568,1095	693,201m
CONCEIÇÃO DO PARÁ - MG	516108,1603	7806514,7115	694,308m	516068,2213	7806561,7891	693,778m
CONCEIÇÃO DO PARÁ - MG	516108,6291	7806514,4286	694,294m	516070,5437	7806559,8635	693,948m
CONCEIÇÃO DO PARÁ - MG	516119,0264	7806508,1560	694,210m	516077,0014	7806554,8224	694,000m
CONCEIÇÃO DO PARÁ - MG	516125,2158	7806503,3159	694,188m	516084,5285	7806550,2813	693,805m
CONCEIÇÃO DO PARÁ - MG	516128,4943	7806500,7522	694,155m	516088,2067	7806548,0623	693,624m
CONCEIÇÃO DO PARÁ - MG	516140,4295	7806490,3408	694,201m	516097,0781	7806542,5748	693,518m
CONCEIÇÃO DO PARÁ - MG	516142,2777	7806488,7286	694,206m	516101,8168	7806540,2624	693,501m
CONCEIÇÃO DO PARÁ - MG	516149,3771	7806482,7852	694,253m	516106,1647	7806538,1407	693,505m
CONCEIÇÃO DO PARÁ - MG	516153,8968	7806475,8373	694,505m	516117,8573	7806532,2191	693,511m
CONCEIÇÃO DO PARÁ - MG	516154,7192	7806474,5731	694,526m	516119,6173	7806531,1573	693,434m
CONCEIÇÃO DO PARÁ - MG	516164,0556	7806464,1335	694,718m	516130,3936	7806524,6560	692,979m
CONCEIÇÃO DO PARÁ - MG	516166,5731	7806460,4201	694,878m	516136,2343	7806520,0886	692,511m
CONCEIÇÃO DO PARÁ - MG	516167,9051	7806458,4554	694,951m	516141,2372	7806516,1764	692,335m
CONCEIÇÃO DO PARÁ - MG	516175,5671	7806442,5814	694,896m	516151,5228	7806507,2040	692,261m
CONCEIÇÃO DO PARÁ - MG	516177,4510	7806438,6784	694,991m	516155,2719	7806503,9336	692,259m
CONCEIÇÃO DO PARÁ - MG	516184,5459	7806426,9811	695,089m	516164,5101	7806496,1996	692,128m
CONCEIÇÃO DO PARÁ - MG	516185,4177	7806425,1974	695,109m	516166,1333	7806493,7044	692,170m
CONCEIÇÃO DO PARÁ - MG	516191,6311	7806412,4849	695,272m	516170,6485	7806486,7634	692,287m
CONCEIÇÃO DO PARÁ - MG	516193,8305	7806407,0638	695,281m	516178,4611	7806478,0277	692,310m
CONCEIÇÃO DO PARÁ - MG	516196,5331	7806400,4030	695,368m	516179,8574	7806476,4664	692,361m
CONCEIÇÃO DO PARÁ - MG	516199,5415	7806387,9494	695,582m	516185,2806	7806468,4671	692,732m
CONCEIÇÃO DO PARÁ - MG	516201,3109	7806380,6247	695,820m	516188,8629	7806461,0454	692,994m
CONCEIÇÃO DO PARÁ - MG	516204,1857	7806368,4962	696,134m	516195,0471	7806448,2331	693,234m
CONCEIÇÃO DO PARÁ - MG	516204,5030	7806367,1575	696,136m	516198,0412	7806443,2968	693,176m
CONCEIÇÃO DO PARÁ - MG	516208,9579	7806349,0739	696,744m	516202,1164	7806436,5780	693,154m
CONCEIÇÃO DO PARÁ - MG	516210,0730	7806344,5476	696,581m	516207,4481	7806425,6694	693,364m
CONCEIÇÃO DO PARÁ - MG	516211,4566	7806335,5609	696,651m	516209,9036	7806420,6455	693,329m
CONCEIÇÃO DO PARÁ - MG	516212,6885	7806329,4378	696,510m	516215,3205	7806407,2944	693,345m
CONCEIÇÃO DO PARÁ - MG	516212,8819	7806328,4766	696,483m	516215,6247	7806406,5445	693,352m
CONCEIÇÃO DO PARÁ - MG	516217,2179	7806316,5246	696,676m	516220,1310	7806387,8903	693,467m
CONCEIÇÃO DO PARÁ - MG	516219,5362	7806310,6610	696,721m	516220,7618	7806385,2793	693,556m
CONCEIÇÃO DO PARÁ - MG	516222,1104	7806304,1503	696,766m	516223,9435	7806371,8560	694,226m
CONCEIÇÃO DO PARÁ - MG	516226,6211	7806297,3896	696,586m	516224,7851	7806368,4395	694,317m
CONCEIÇÃO DO PARÁ - MG	516230,4264	7806294,3478	696,278m	516229,5691	7806349,0201	694,561m
CONCEIÇÃO DO PARÁ - MG	516234,8431	7806290,8173	696,028m	516229,7049	7806348,4690	694,579m
CONCEIÇÃO DO PARÁ - MG	516243,4228	7806288,0895	695,224m	516231,1540	7806339,0569	695,083m
CONCEIÇÃO DO PARÁ - MG	516248,6955	7806287,2274	694,772m	516232,1936	7806333,8895	695,131m
CONCEIÇÃO DO PARÁ - MG	516259,6374	7806285,4383	693,790m	516233,7755	7806329,5291	694,947m
CONCEIÇÃO DO PARÁ - MG	516268,4845	7806284,3579	693,092m	516235,9217	7806323,6132	694,631m
CONCEIÇÃO DO PARÁ - MG	516271,9631	7806283,9330	692,861m	516238,0042	7806314,7861	694,694m
CONCEIÇÃO DO PARÁ - MG	516282,5020	7806281,7985	691,999m	516240,2230	7806310,7140	694,623m
CONCEIÇÃO DO PARÁ - MG	516288,2303	7806281,3933	691,424m	516240,3754	7806310,4343	694,625m
CONCEIÇÃO DO PARÁ - MG	516299,4298	7806280,6010	690,287m	516242,8918	7806306,8078	694,615m
CONCEIÇÃO DO PARÁ - MG	516308,1939	7806280,9851	689,383m	516245,6017	7806303,9549	694,518m
CONCEIÇÃO DO PARÁ - MG	516315,5565	7806281,3078	688,671m	516255,9093	7806300,2316	693,972m
CONCEIÇÃO DO PARÁ - MG	516328,1854	7806281,1136	687,721m	516256,2783	7806300,1754	693,922m
CONCEIÇÃO DO PARÁ - MG	516333,2511	7806281,0357	687,415m	516274,2984	7806297,4271	692,054m
CONCEIÇÃO DO PARÁ - MG	516348,1770	7806280,5546	686,378m	516276,0574	7806297,2170	691,900m
CONCEIÇÃO DO PARÁ - MG	516354,8741	7806280,3388	685,948m	516292,1067	7806295,2995	690,495m
CONCEIÇÃO DO PARÁ - MG	516365,9410	7806280,3287	685,280m	516295,9050	7806295,8398	690,187m
CONCEIÇÃO DO PARÁ - MG	516368,1734	7806280,3104	685,141m	516307,0482	7806297,4249	689,242m
CONCEIÇÃO DO PARÁ - MG	516376,4051	7806280,2430	684,605m	516314,9533	7806301,1637	688,602m
CONCEIÇÃO DO PARÁ - MG	516383,0401	7806280,0005	684,234m	516315,2721	7806301,3145	688,573m
CONCEIÇÃO DO PARÁ - MG	516388,1367	7806279,4283	684,026m	516333,7270	7806301,0308	687,216m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	516389,2839	7806279,2995	683,997m	516334,9166	7806300,9924	687,142m
CONCEIÇÃO DO PARÁ - MG	516396,6998	7806276,6648	683,947m	516354,9063	7806300,3481	685,948m
CONCEIÇÃO DO PARÁ - MG	516403,6279	7806275,2364	683,926m	516355,2054	7806300,3385	685,931m
CONCEIÇÃO DO PARÁ - MG	516407,5249	7806275,0439	683,936m	516366,0320	7806300,3287	685,394m
CONCEIÇÃO DO PARÁ - MG	516410,3907	7806274,9023	683,845m	516374,9058	7806300,2560	684,966m
CONCEIÇÃO DO PARÁ - MG	516422,9509	7806274,9939	683,561m	516376,8524	7806300,2400	684,887m
CONCEIÇÃO DO PARÁ - MG	516427,5110	7806275,2977	683,587m	516384,5232	7806299,9596	684,635m
CONCEIÇÃO DO PARÁ - MG	516430,9067	7806275,5239	683,656m	516393,8067	7806298,9173	684,357m
CONCEIÇÃO DO PARÁ - MG	516436,5306	7806275,6609	683,729m	516394,7825	7806298,5706	684,321m
CONCEIÇÃO DO PARÁ - MG	516439,3009	7806274,9789	683,759m	516402,0925	7806295,9736	684,050m
CONCEIÇÃO DO PARÁ - MG	516444,8644	7806273,7997	683,754m	516406,1555	7806295,1359	683,919m
CONCEIÇÃO DO PARÁ - MG	516447,1951	7806273,1083	683,835m	516410,8115	7806294,9059	683,388m
CONCEIÇÃO DO PARÁ - MG	516450,3237	7806272,1802	684,027m	516414,2437	7806294,9309	683,010m
CONCEIÇÃO DO PARÁ - MG	516459,0189	7806270,0350	684,805m	516422,2127	7806294,9890	682,000m
CONCEIÇÃO DO PARÁ - MG	516465,4477	7806270,2686	685,023m	516429,9980	7806295,5077	682,271m
CONCEIÇÃO DO PARÁ - MG	516466,7914	7806270,3719	685,047m	516434,2250	7806295,6107	682,431m
CONCEIÇÃO DO PARÁ - MG	516474,1859	7806270,9402	685,149m	516438,7159	7806295,7201	682,461m
CONCEIÇÃO DO PARÁ - MG	516482,1968	7806276,7818	684,815m	516443,7661	7806294,4768	682,554m
CONCEIÇÃO DO PARÁ - MG	516483,8363	7806278,8881	684,718m	516449,7895	7806293,2001	682,834m
CONCEIÇÃO DO PARÁ - MG	516486,5281	7806282,3462	684,573m	516453,7677	7806292,0200	683,158m
CONCEIÇÃO DO PARÁ - MG	516488,3903	7806285,4861	684,429m	516455,5658	7806291,4866	683,335m
CONCEIÇÃO DO PARÁ - MG	516490,9272	7806287,0252	684,393m	516461,0910	7806290,1235	683,713m
CONCEIÇÃO DO PARÁ - MG	516498,8839	7806291,2309	684,367m	516464,3178	7806290,2407	683,780m
CONCEIÇÃO DO PARÁ - MG	516503,4253	7806293,6313	684,396m	516466,9908	7806290,4462	683,825m
CONCEIÇÃO DO PARÁ - MG	516510,9263	7806299,0459	684,421m	516468,1414	7806291,2852	683,786m
CONCEIÇÃO DO PARÁ - MG	516515,4238	7806302,4028	684,478m	516469,9700	7806293,6345	683,553m
CONCEIÇÃO DO PARÁ - MG	516518,0228	7806304,3427	684,542m	516471,0528	7806295,4602	683,378m
CONCEIÇÃO DO PARÁ - MG	516523,8099	7806308,0435	684,610m	516473,7398	7806299,9909	682,921m
CONCEIÇÃO DO PARÁ - MG	516532,3712	7806312,1209	684,924m	516481,0587	7806304,4310	681,980m
CONCEIÇÃO DO PARÁ - MG	516532,7481	7806312,2691	684,947m	516486,5154	7806307,3152	681,798m
CONCEIÇÃO DO PARÁ - MG	516537,4767	7806314,1283	685,158m	516492,8483	7806310,6626	681,790m
CONCEIÇÃO DO PARÁ - MG	516542,8197	7806316,2468	685,376m	516499,0911	7806315,1690	681,675m
CONCEIÇÃO DO PARÁ - MG	516549,5288	7806318,5104	685,452m	516503,2082	7806318,2420	681,584m
CONCEIÇÃO DO PARÁ - MG	516551,4882	7806319,2395	685,426m	516506,6390	7806320,8027	681,697m
CONCEIÇÃO DO PARÁ - MG	516560,7988	7806322,7040	685,344m	516514,0849	7806325,5643	682,261m
CONCEIÇÃO DO PARÁ - MG	516570,1708	7806326,3759	685,495m	516520,2970	7806328,5229	682,355m
CONCEIÇÃO DO PARÁ - MG	516588,7926	7806333,6718	686,147m	516524,4025	7806330,4781	682,501m
CONCEIÇÃO DO PARÁ - MG	516607,4144	7806340,9677	687,066m	516530,1317	7806332,7307	682,883m
CONCEIÇÃO DO PARÁ - MG	516614,8766	7806343,8914	687,376m	516535,9322	7806335,0307	683,281m
CONCEIÇÃO DO PARÁ - MG	516625,9443	7806348,4911	687,823m	516538,8285	7806336,0079	683,474m
CONCEIÇÃO DO PARÁ - MG	516630,7253	7806350,4781	688,026m	516542,8429	7806337,3623	683,741m
CONCEIÇÃO DO PARÁ - MG	516644,7267	7806355,3430	688,587m	516553,6629	7806341,3884	684,175m
CONCEIÇÃO DO PARÁ - MG	516649,2499	7806356,9146	688,713m	516557,5907	7806342,9273	684,287m
CONCEIÇÃO DO PARÁ - MG	516662,7665	7806363,8926	688,922m	516576,2124	7806350,2232	684,628m
CONCEIÇÃO DO PARÁ - MG	516663,8618	7806364,4581	688,905m	516594,8342	7806357,5191	685,234m
CONCEIÇÃO DO PARÁ - MG	516679,8565	7806374,2756	688,359m	516607,3901	7806362,4385	685,803m
CONCEIÇÃO DO PARÁ - MG	516680,8655	7806374,8950	688,328m	516613,4060	7806364,9387	686,082m
CONCEIÇÃO DO PARÁ - MG	516694,8985	7806387,4297	687,640m	516623,5992	7806369,1750	686,603m
CONCEIÇÃO DO PARÁ - MG	516696,6142	7806388,9621	687,546m	516632,0644	7806372,1162	687,007m
CONCEIÇÃO DO PARÁ - MG	516704,5717	7806396,3250	687,027m	516641,3406	7806375,3393	687,235m
CONCEIÇÃO DO PARÁ - MG	516709,3882	7806401,2074	686,595m	516650,3861	7806380,0091	687,308m
CONCEIÇÃO DO PARÁ - MG	516710,6854	7806402,5224	686,481m	516654,0299	7806381,8902	687,333m
CONCEIÇÃO DO PARÁ - MG	516714,4318	7806405,9058	686,119m	516667,5802	7806390,2074	686,923m
CONCEIÇÃO DO PARÁ - MG	516719,5448	7806409,0552	685,800m	516668,8774	7806391,0036	686,864m
CONCEIÇÃO DO PARÁ - MG	516723,3694	7806410,7014	685,646m	516682,6582	7806403,3131	686,011m
CONCEIÇÃO DO PARÁ - MG	516726,2826	7806411,0652	685,585m	516683,1600	7806403,7613	685,979m
CONCEIÇÃO DO PARÁ - MG	516726,8657	7806411,1381	685,569m	516690,6540	7806410,6953	685,422m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	516731,8947	7806410,2264	685,602m	516696,8525	7806416,9786	684,880m
CONCEIÇÃO DO PARÁ - MG	516745,2624	7806405,1436	686,235m	516697,0686	7806417,1738	684,862m
CONCEIÇÃO DO PARÁ - MG	516747,4303	7806404,3193	686,340m	516702,3848	7806421,9751	684,513m
CONCEIÇÃO DO PARÁ - MG	516763,8811	7806398,8877	687,796m	516710,2978	7806426,8491	684,223m
CONCEIÇÃO DO PARÁ - MG	516764,2135	7806398,7592	687,843m	516713,5522	7806428,2498	684,153m
CONCEIÇÃO DO PARÁ - MG	516779,1886	7806392,9716	689,909m	516718,0716	7806430,1951	683,976m
CONCEIÇÃO DO PARÁ - MG	516782,9656	7806391,8315	690,046m	516727,4228	7806431,3631	683,311m
CONCEIÇÃO DO PARÁ - MG	516792,4195	7806388,9779	690,276m	516732,9879	7806430,3542	683,374m
CONCEIÇÃO DO PARÁ - MG	516801,4110	7806384,3233	690,702m	516737,2780	7806429,5765	683,537m
CONCEIÇÃO DO PARÁ - MG	516803,4367	7806383,2747	690,812m	516751,8969	7806424,0179	684,385m
CONCEIÇÃO DO PARÁ - MG	516816,3116	7806376,4135	690,993m	516754,1229	7806423,1716	684,515m
CONCEIÇÃO DO PARÁ - MG	516819,0847	7806374,9621	691,081m	516770,6255	7806417,7228	685,637m
CONCEIÇÃO DO PARÁ - MG	516823,8715	7806372,4567	691,392m	516770,8491	7806417,6364	685,659m
CONCEIÇÃO DO PARÁ - MG	516832,2114	7806371,2414	691,655m	516785,6925	7806411,8997	687,529m
CONCEIÇÃO DO PARÁ - MG	516838,2699	7806370,0775	691,855m	516789,6047	7806410,7188	687,934m
CONCEIÇÃO DO PARÁ - MG	516838,3092	7806370,0700	691,856m	516799,9705	7806407,5899	688,486m
CONCEIÇÃO DO PARÁ - MG	516852,5697	7806369,5323	691,401m	516808,1161	7806403,3733	688,862m
CONCEIÇÃO DO PARÁ - MG	516858,1195	7806370,7845	690,777m	516812,7372	7806400,9811	689,151m
CONCEIÇÃO DO PARÁ - MG	516861,1634	7806371,4712	690,455m	516825,6519	7806394,0987	689,615m
CONCEIÇÃO DO PARÁ - MG	516866,4178	7806372,8713	689,714m	516825,7957	7806394,0234	689,620m
CONCEIÇÃO DO PARÁ - MG	516869,0217	7806372,5711	689,602m	516830,1271	7806391,7564	689,749m
CONCEIÇÃO DO PARÁ - MG	516877,1006	7806369,0305	689,883m	516835,5417	7806390,9674	689,751m
CONCEIÇÃO DO PARÁ - MG	516879,6748	7806367,9024	689,972m	516840,5858	7806389,9983	689,655m
CONCEIÇÃO DO PARÁ - MG	516890,2549	7806359,8757	691,207m	516845,0857	7806389,8287	689,431m
CONCEIÇÃO DO PARÁ - MG	516892,7635	7806356,8776	691,597m	516850,7144	7806389,6164	689,119m
CONCEIÇÃO DO PARÁ - MG	516901,4858	7806346,4533	692,385m	516856,3860	7806390,8961	688,382m
CONCEIÇÃO DO PARÁ - MG	516905,9272	7806341,8343	692,267m	516864,6508	7806393,0983	687,305m
CONCEIÇÃO DO PARÁ - MG	516912,7809	7806334,7065	691,799m	516864,9369	7806393,1745	687,273m
CONCEIÇÃO DO PARÁ - MG	516919,3163	7806326,9906	691,433m	516874,2974	7806392,0953	687,142m
CONCEIÇÃO DO PARÁ - MG	516932,2427	7806311,7292	691,667m	516883,7142	7806387,9684	686,860m
CONCEIÇÃO DO PARÁ - MG	516945,1690	7806296,4679	692,507m	516889,8741	7806385,2688	686,645m
CONCEIÇÃO DO PARÁ - MG	516945,6099	7806295,9473	692,536m	516900,4496	7806377,2457	686,899m
CONCEIÇÃO DO PARÁ - MG	516957,6835	7806280,8673	692,021m	516904,1434	7806374,4433	687,089m
CONCEIÇÃO DO PARÁ - MG	516959,7291	7806278,3122	691,898m	516914,0025	7806362,6605	687,462m
CONCEIÇÃO DO PARÁ - MG	516967,7104	7806263,6122	692,389m	516916,3813	7806359,8175	687,578m
CONCEIÇÃO DO PARÁ - MG	516977,2535	7806246,0358	689,825m	516927,6346	7806348,1141	687,888m
CONCEIÇÃO DO PARÁ - MG	516986,7965	7806228,4594	689,321m	516927,6715	7806348,0706	687,888m
CONCEIÇÃO DO PARÁ - MG	516987,6564	7806226,8756	689,336m	516940,5979	7806332,8092	688,376m
CONCEIÇÃO DO PARÁ - MG	516995,6290	7806212,3489	689,560m	516953,5243	7806317,5479	688,319m
CONCEIÇÃO DO PARÁ - MG	516996,4702	7806210,9560	689,565m	516961,0498	7806308,6629	688,098m
CONCEIÇÃO DO PARÁ - MG	517003,4718	7806199,3626	689,304m	516966,2724	7806302,1398	687,715m
CONCEIÇÃO DO PARÁ - MG	517006,0167	7806193,4290	689,174m	516976,4553	7806289,4212	687,239m
CONCEIÇÃO DO PARÁ - MG	517010,9588	7806181,9066	689,028m	516978,2243	7806286,1632	687,298m
CONCEIÇÃO DO PARÁ - MG	517014,3418	7806175,2550	689,115m	516987,7673	7806268,5868	687,772m
CONCEIÇÃO DO PARÁ - MG	517023,4084	7806157,4281	689,897m	516997,3103	7806251,0103	687,838m
CONCEIÇÃO DO PARÁ - MG	517032,4750	7806139,6013	690,809m	517005,2112	7806236,4585	688,103m
CONCEIÇÃO DO PARÁ - MG	517041,5416	7806121,7744	692,062m	517006,8670	7806233,4414	687,958m
CONCEIÇÃO DO PARÁ - MG	517043,9129	7806117,1118	692,399m	517012,9630	7806222,3341	687,165m
CONCEIÇÃO DO PARÁ - MG	517050,8790	7806104,0888	693,407m	517016,7523	7806216,0597	686,905m
CONCEIÇÃO DO PARÁ - MG	517055,0818	7806096,2317	693,860m	517021,3071	7806208,5177	686,748m
CONCEIÇÃO DO PARÁ - MG	517058,6278	7806085,7245	694,427m	517025,7177	7806198,2343	687,076m
CONCEIÇÃO DO PARÁ - MG	517065,0230	7806066,7745	696,239m	517029,0819	7806190,3908	687,128m
CONCEIÇÃO DO PARÁ - MG	517065,9583	7806064,0029	696,588m	517034,2795	7806180,1712	686,810m
CONCEIÇÃO DO PARÁ - MG	517074,9942	7806049,5149	697,277m	517043,3461	7806162,3443	687,486m
CONCEIÇÃO DO PARÁ - MG	517082,3107	7806037,7838	697,546m	517052,4127	7806144,5174	688,273m
CONCEIÇÃO DO PARÁ - MG	517085,1055	7806032,2783	697,915m	517061,4793	7806126,6906	689,653m
CONCEIÇÃO DO PARÁ - MG	517094,1588	7806014,4446	698,886m	517061,6460	7806126,3627	689,677m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	517095,4293	7806011,9419	699,054m	517070,9059	7806109,0515	691,271m
CONCEIÇÃO DO PARÁ - MG	517103,5514	7806000,3480	699,785m	517073,5007	7806104,2005	691,733m
CONCEIÇÃO DO PARÁ - MG	517105,2221	7805997,8113	699,957m	517078,1368	7806090,4631	692,773m
CONCEIÇÃO DO PARÁ - MG	517116,2225	7805981,1083	700,695m	517084,1626	7806072,6078	693,531m
CONCEIÇÃO DO PARÁ - MG	517127,2229	7805964,4053	701,769m	517084,7740	7806071,6275	693,566m
CONCEIÇÃO DO PARÁ - MG	517129,0962	7805961,5609	701,936m	517095,3578	7806054,6575	695,266m
CONCEIÇÃO DO PARÁ - MG	517135,9459	7805946,4464	703,016m	517099,7462	7806047,6213	695,908m
CONCEIÇÃO DO PARÁ - MG	517144,2015	7805928,2298	703,905m	517105,0457	7806037,1820	696,240m
CONCEIÇÃO DO PARÁ - MG	517152,4571	7805910,0132	704,413m	517112,6220	7806022,2576	696,886m
CONCEIÇÃO DO PARÁ - MG	517157,5409	7805898,7953	704,723m	517114,4941	7806019,5854	697,096m
CONCEIÇÃO DO PARÁ - MG	517161,1941	7805892,0354	704,730m	517120,0965	7806011,5882	697,570m
CONCEIÇÃO DO PARÁ - MG	517170,7029	7805874,4404	704,509m	517125,7264	7806003,0399	698,115m
CONCEIÇÃO DO PARÁ - MG	517174,0600	7805868,2286	704,563m	517136,7268	7805986,3369	698,864m
CONCEIÇÃO DO PARÁ - MG	517181,3777	7805857,5575	704,263m	517146,6639	7805971,2484	699,827m
CONCEIÇÃO DO PARÁ - MG	517192,6887	7805841,0633	703,496m	517147,4619	7805969,4875	699,952m
CONCEIÇÃO DO PARÁ - MG	517203,9997	7805824,5690	702,786m	517155,7175	7805951,2709	700,807m
CONCEIÇÃO DO PARÁ - MG	517214,0685	7805809,8862	702,272m	517163,9730	7805933,0543	701,639m
CONCEIÇÃO DO PARÁ - MG	517215,2306	7805808,0223	702,287m	517172,2286	7805914,8377	702,163m
CONCEIÇÃO DO PARÁ - MG	517225,8115	7805791,0505	702,840m	517175,4686	7805907,6884	702,090m
CONCEIÇÃO DO PARÁ - MG	517236,3536	7805774,1410	702,930m	517181,2456	7805896,9987	701,895m
CONCEIÇÃO DO PARÁ - MG	517236,3848	7805774,0744	702,932m	517190,7544	7805879,4038	702,059m
CONCEIÇÃO DO PARÁ - MG	517240,9485	7805764,3197	703,194m	517191,1522	7805878,6676	702,057m
CONCEIÇÃO DO PARÁ - MG	517244,2817	7805755,7120	703,404m	517201,9900	7805862,8634	701,650m
CONCEIÇÃO DO PARÁ - MG	517245,2682	7805753,1644	703,444m	517213,3010	7805846,3692	700,982m
CONCEIÇÃO DO PARÁ - MG	517247,7115	7805747,0908	703,500m	517224,6120	7805829,8749	700,425m
CONCEIÇÃO DO PARÁ - MG	517251,7608	7805737,9682	703,683m	517230,8096	7805820,8374	700,322m
CONCEIÇÃO DO PARÁ - MG	517252,0047	7805737,2690	703,709m	517235,5930	7805813,1647	700,199m
CONCEIÇÃO DO PARÁ - MG	517255,2930	7805727,8445	704,054m	517246,1740	7805796,1929	700,257m
CONCEIÇÃO DO PARÁ - MG	517259,5458	7805718,7737	703,946m	517253,9604	7805783,7035	700,307m
CONCEIÇÃO DO PARÁ - MG	517260,5858	7805716,5555	703,937m	517256,1988	7805778,9190	700,347m
CONCEIÇÃO DO PARÁ - MG	517265,8693	7805708,3805	703,862m	517259,3528	7805772,1775	700,459m
CONCEIÇÃO DO PARÁ - MG	517269,8180	7805701,6349	703,765m	517263,8717	7805760,5079	700,764m
CONCEIÇÃO DO PARÁ - MG	517273,2410	7805695,7874	703,997m	517263,8878	7805760,4679	700,765m
CONCEIÇÃO DO PARÁ - MG	517280,6619	7805684,9500	705,283m	517266,1347	7805754,8824	700,900m
CONCEIÇÃO DO PARÁ - MG	517280,7365	7805684,9003	705,277m	517270,3740	7805745,3319	701,062m
CONCEIÇÃO DO PARÁ - MG	517292,8213	7805676,8501	704,864m	517271,5370	7805741,9985	701,127m
CONCEIÇÃO DO PARÁ - MG	517297,3403	7805673,7513	704,634m	517273,8379	7805735,4037	701,256m
CONCEIÇÃO DO PARÁ - MG	517305,4755	7805668,1727	704,249m	517278,1188	7805726,2731	701,504m
CONCEIÇÃO DO PARÁ - MG	517314,6740	7805663,9158	703,183m	517279,7097	7805723,8115	701,561m
CONCEIÇÃO DO PARÁ - MG	517328,9133	7805657,3260	701,912m	517282,9063	7805718,8656	701,646m
CONCEIÇÃO DO PARÁ - MG	517332,9325	7805655,7703	701,498m	517290,0350	7805706,6876	701,642m
CONCEIÇÃO DO PARÁ - MG	517350,1602	7805649,1022	700,341m	517290,1433	7805706,5025	701,647m
CONCEIÇÃO DO PARÁ - MG	517351,5693	7805648,5140	700,259m	517294,9746	7805699,4469	701,919m
CONCEIÇÃO DO PARÁ - MG	517368,1862	7805641,5783	699,640m	517304,0212	7805693,4206	701,513m
CONCEIÇÃO DO PARÁ - MG	517369,9293	7805640,6107	699,583m	517304,3217	7805693,2146	701,499m
CONCEIÇÃO DO PARÁ - MG	517386,9174	7805631,1803	698,502m	517315,4004	7805685,6175	700,988m
CONCEIÇÃO DO PARÁ - MG	517387,4210	7805630,9135	698,459m	517321,3599	7805682,8595	700,621m
CONCEIÇÃO DO PARÁ - MG	517400,0314	7805624,2319	698,151m	517336,7309	7805675,7460	699,322m
CONCEIÇÃO DO PARÁ - MG	517404,9449	7805621,2862	698,205m	517339,5871	7805674,6405	699,188m
CONCEIÇÃO DO PARÁ - MG	517409,7027	7805618,4337	698,173m	517357,6229	7805667,6595	698,355m
CONCEIÇÃO DO PARÁ - MG	517421,2621	7805612,9794	696,742m	517358,2323	7805667,4052	698,330m
CONCEIÇÃO DO PARÁ - MG	517422,9219	7805613,1729	696,513m	517376,6891	7805659,7015	697,673m
CONCEIÇÃO DO PARÁ - MG	517438,9503	7805615,0415	695,856m	517376,9185	7805659,6058	697,668m
CONCEIÇÃO DO PARÁ - MG	517442,6982	7805615,9777	695,750m	517394,1876	7805650,0195	696,958m
CONCEIÇÃO DO PARÁ - MG	517452,6448	7805618,4624	695,426m	517396,4537	7805648,7615	696,911m
CONCEIÇÃO DO PARÁ - MG	517462,1880	7805620,4490	695,043m	517409,8621	7805641,6571	696,592m
CONCEIÇÃO DO PARÁ - MG	517469,5290	7805621,9771	694,997m	517411,7780	7805640,5085	696,531m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	517478,7106	7805623,9430	694,992m	517419,1352	7805636,0977	696,537m
CONCEIÇÃO DO PARÁ - MG	517481,8188	7805624,0964	694,991m	517424,6257	7805633,5070	696,324m
CONCEIÇÃO DO PARÁ - MG	517496,4065	7805624,8162	694,995m	517429,9406	7805634,1266	695,944m
CONCEIÇÃO DO PARÁ - MG	517501,7811	7805624,3533	694,997m	517435,3540	7805634,7577	695,755m
CONCEIÇÃO DO PARÁ - MG	517510,9765	7805623,5612	695,325m	517448,1815	7805637,9620	695,262m
CONCEIÇÃO DO PARÁ - MG	517521,4993	7805625,8580	696,047m	517449,4819	7805638,2327	695,208m
CONCEIÇÃO DO PARÁ - MG	517525,3638	7805626,7015	696,210m	517465,3973	7805641,5458	694,993m
CONCEIÇÃO DO PARÁ - MG	517533,9377	7805632,2702	696,401m	517469,0578	7805642,3295	694,991m
CONCEIÇÃO DO PARÁ - MG	517537,8363	7805636,5927	696,382m	517476,1071	7805643,8389	694,986m
CONCEIÇÃO DO PARÁ - MG	517545,6731	7805645,2814	696,374m	517488,8825	7805644,4693	694,987m
CONCEIÇÃO DO PARÁ - MG	517551,2111	7805651,4626	696,485m	517496,7735	7805644,8587	694,992m
CONCEIÇÃO DO PARÁ - MG	517559,5014	7805660,7156	696,498m	517508,8282	7805643,8203	694,999m
CONCEIÇÃO DO PARÁ - MG	517564,8029	7805666,1281	696,465m	517509,6729	7805643,7475	695,000m
CONCEIÇÃO DO PARÁ - MG	517573,0537	7805674,5516	696,508m	517517,5318	7805645,4629	695,329m
CONCEIÇÃO DO PARÁ - MG	517578,7314	7805680,4803	696,780m	517520,8435	7805647,6138	695,414m
CONCEIÇÃO DO PARÁ - MG	517588,8915	7805691,0897	696,718m	517525,6386	7805652,9302	695,406m
CONCEIÇÃO DO PARÁ - MG	517593,2519	7805694,1206	696,643m	517530,7994	7805658,6520	695,436m
CONCEIÇÃO DO PARÁ - MG	517598,2878	7805697,6211	696,644m	517539,0035	7805667,8089	695,328m
CONCEIÇÃO DO PARÁ - MG	517609,7372	7805705,4444	697,559m	517544,9024	7805674,3928	695,080m
CONCEIÇÃO DO PARÁ - MG	517620,4433	7805712,7598	699,240m	517552,7116	7805682,3655	694,935m
CONCEIÇÃO DO PARÁ - MG	517626,3899	7805716,5155	700,079m	517558,6870	7805688,4660	694,989m
CONCEIÇÃO DO PARÁ - MG	517643,2997	7805727,1953	701,182m	517566,6137	7805696,7432	695,457m
CONCEIÇÃO DO PARÁ - MG	517645,4897	7805728,5785	701,231m	517575,8320	7805706,3690	695,535m
CONCEIÇÃO DO PARÁ - MG	517660,3392	7805737,6666	702,086m	517581,3106	7805710,1772	695,431m
CONCEIÇÃO DO PARÁ - MG	517664,6894	7805740,3290	702,205m	517586,9383	7805714,0891	695,380m
CONCEIÇÃO DO PARÁ - MG	517677,0262	7805748,6840	700,696m	517597,7926	7805721,5058	695,688m
CONCEIÇÃO DO PARÁ - MG	517686,3264	7805754,9824	700,356m	517609,4581	7805729,4768	696,340m
CONCEIÇÃO DO PARÁ - MG	517693,5832	7805759,9028	701,052m	517614,4222	7805732,6120	696,559m
CONCEIÇÃO DO PARÁ - MG	517700,9073	7805764,8688	702,160m	517631,3320	7805743,2918	698,369m
CONCEIÇÃO DO PARÁ - MG	517707,9138	7805773,5439	702,518m	517634,9292	7805745,5637	698,493m
CONCEIÇÃO DO PARÁ - MG	517712,3349	7805779,0178	702,472m	517648,3591	7805753,7830	698,518m
CONCEIÇÃO DO PARÁ - MG	517721,8877	7805787,7813	703,081m	517653,8561	7805757,1472	698,656m
CONCEIÇÃO DO PARÁ - MG	517726,3025	7805791,8313	703,271m	517665,0797	7805764,7483	698,842m
CONCEIÇÃO DO PARÁ - MG	517734,8165	7805802,9561	703,900m	517675,1114	7805771,5422	699,084m
CONCEIÇÃO DO PARÁ - MG	517736,5654	7805805,2413	704,054m	517681,6370	7805775,9668	699,609m
CONCEIÇÃO DO PARÁ - MG	517745,3799	7805819,9206	705,056m	517687,2190	7805779,7515	700,089m
CONCEIÇÃO DO PARÁ - MG	517746,2743	7805821,4099	705,101m	517695,5479	7805790,0640	700,659m
CONCEIÇÃO DO PARÁ - MG	517749,5353	7805834,1933	704,923m	517697,7142	7805792,7462	700,868m
CONCEIÇÃO DO PARÁ - MG	517751,6737	7805838,7903	704,942m	517709,9116	7805803,9356	701,929m
CONCEIÇÃO DO PARÁ - MG	517756,7752	7805849,7576	705,981m	517711,4878	7805805,3816	702,063m
CONCEIÇÃO DO PARÁ - MG	517761,1219	7805856,3594	706,034m	517719,9987	7805816,5023	702,832m
CONCEIÇÃO DO PARÁ - MG	517761,4500	7805856,8576	706,019m	517721,9843	7805819,8091	703,082m
CONCEIÇÃO DO PARÁ - MG	517768,9301	7805862,5523	706,010m	517727,6193	7805829,1933	703,865m
CONCEIÇÃO DO PARÁ - MG	517778,3806	7805865,8284	706,653m	517729,8573	7805837,9663	704,178m
CONCEIÇÃO DO PARÁ - MG	517778,4313	7805865,8460	706,656m	517730,6161	7805840,9407	704,239m
CONCEIÇÃO DO PARÁ - MG	517788,2385	7805867,5140	706,713m	517737,7567	7805856,2916	704,623m
CONCEIÇÃO DO PARÁ - MG	517798,2327	7805867,8034	706,734m	517739,2617	7805859,5270	704,653m
CONCEIÇÃO DO PARÁ - MG	517803,3858	7805867,9527	706,787m	517746,6213	7805870,7048	704,862m
CONCEIÇÃO DO PARÁ - MG	517818,1180	7805866,1289	706,826m	517749,0469	7805872,5514	704,953m
CONCEIÇÃO DO PARÁ - MG	517830,3701	7805864,6122	707,178m	517759,3589	7805880,4020	705,002m
CONCEIÇÃO DO PARÁ - MG	517838,0238	7805864,5059	707,227m	517766,0103	7805882,7078	704,988m
CONCEIÇÃO DO PARÁ - MG	517848,4211	7805864,3617	707,199m	517773,4452	7805885,2852	705,063m
CONCEIÇÃO DO PARÁ - MG	517858,0206	7805864,5636	707,247m	517785,4045	7805887,3192	705,160m
CONCEIÇÃO DO PARÁ - MG	517871,7353	7805864,8521	707,033m	517786,2627	7805887,4651	705,158m
CONCEIÇÃO DO PARÁ - MG	517877,9995	7805865,3283	706,949m	517804,3303	7805887,9884	705,154m
CONCEIÇÃO DO PARÁ - MG	517894,1066	7805866,5529	706,873m	517805,3766	7805887,8589	705,147m
CONCEIÇÃO DO PARÁ - MG	517897,9445	7805866,8095	706,967m	517825,2251	7805885,4018	705,122m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	517917,8999	7805868,1436	706,388m	517831,7415	7805884,5951	705,164m
CONCEIÇÃO DO PARÁ - MG	517926,2846	7805868,7042	706,125m	517845,1741	7805884,4086	705,021m
CONCEIÇÃO DO PARÁ - MG	517937,7287	7805870,5788	705,706m	517848,3495	7805884,3646	704,942m
CONCEIÇÃO DO PARÁ - MG	517950,8481	7805872,7278	705,271m	517865,1701	7805884,7184	704,422m
CONCEIÇÃO DO PARÁ - MG	517957,3278	7805874,4543	704,924m	517870,7662	7805884,8361	704,486m
CONCEIÇÃO DO PARÁ - MG	517969,6095	7805877,7268	704,356m	517885,1274	7805885,9280	704,408m
CONCEIÇÃO DO PARÁ - MG	517976,2035	7805880,8348	704,044m	517892,6814	7805886,5023	704,283m
CONCEIÇÃO DO PARÁ - MG	517991,4020	7805887,9982	703,248m	517905,0779	7805887,3310	703,916m
CONCEIÇÃO DO PARÁ - MG	517994,1398	7805889,6510	703,047m	517923,9958	7805888,5958	703,618m
CONCEIÇÃO DO PARÁ - MG	518010,6266	7805899,6039	702,128m	517925,0220	7805888,7639	703,558m
CONCEIÇÃO DO PARÁ - MG	518011,2423	7805900,0177	702,107m	517944,7590	7805891,9969	703,221m
CONCEIÇÃO DO PARÁ - MG	518027,8409	7805911,1752	701,653m	517946,6468	7805892,3061	703,174m
CONCEIÇÃO DO PARÁ - MG	518032,0221	7805913,9858	701,537m	517962,7157	7805896,5878	702,586m
CONCEIÇÃO DO PARÁ - MG	518044,6211	7805922,0556	701,148m	517964,0341	7805897,2091	702,507m
CONCEIÇÃO DO PARÁ - MG	518046,5344	7805923,2811	701,102m	517981,9456	7805905,6513	701,377m
CONCEIÇÃO DO PARÁ - MG	518062,4666	7805931,0558	701,279m	517982,1157	7805905,7540	701,363m
CONCEIÇÃO DO PARÁ - MG	518063,0422	7805931,3367	701,310m	517999,2376	7805916,0903	700,373m
CONCEIÇÃO DO PARÁ - MG	518076,3134	7805939,2931	702,065m	517999,8734	7805916,4741	700,340m
CONCEIÇÃO DO PARÁ - MG	518078,9099	7805942,1843	702,265m	518015,8556	7805927,2172	699,923m
CONCEIÇÃO DO PARÁ - MG	518092,2733	7805957,0644	703,013m	518021,0484	7805930,7078	699,937m
CONCEIÇÃO DO PARÁ - MG	518092,6575	7805957,4921	703,014m	518032,6211	7805938,1203	700,014m
CONCEIÇÃO DO PARÁ - MG	518099,5913	7805975,6376	703,065m	518036,7224	7805940,7473	700,036m
CONCEIÇÃO DO PARÁ - MG	518099,7936	7805976,1671	703,073m	518050,3193	7805947,3824	700,241m
CONCEIÇÃO DO PARÁ - MG	518092,9278	7805994,3470	702,642m	518053,4970	7805948,9330	700,484m
CONCEIÇÃO DO PARÁ - MG	518088,8700	7806005,0917	702,452m	518063,4460	7805954,8977	701,178m
CONCEIÇÃO DO PARÁ - MG	518086,6280	7806013,3058	702,304m	518066,6961	7805958,5167	701,338m
CONCEIÇÃO DO PARÁ - MG	518082,9586	7806026,7493	702,160m	518075,2990	7805968,0960	701,897m
CONCEIÇÃO DO PARÁ - MG	518080,5519	7806032,3160	702,027m	518077,8422	7805974,7513	702,064m
CONCEIÇÃO DO PARÁ - MG	518072,6149	7806050,6737	701,514m	518078,3991	7805976,2088	702,084m
CONCEIÇÃO DO PARÁ - MG	518070,7801	7806054,9175	701,397m	518071,8843	7805993,4594	701,428m
CONCEIÇÃO DO PARÁ - MG	518064,9541	7806069,1476	701,032m	518069,8252	7805998,9117	701,303m
CONCEIÇÃO DO PARÁ - MG	518063,9909	7806071,5003	701,027m	518066,0936	7806012,5834	701,188m
CONCEIÇÃO DO PARÁ - MG	518055,6093	7806086,8145	700,938m	518064,0380	7806020,1145	701,144m
CONCEIÇÃO DO PARÁ - MG	518054,8984	7806088,1134	700,883m	518059,1991	7806031,3066	701,055m
CONCEIÇÃO DO PARÁ - MG	518044,3684	7806103,3476	700,366m	518052,3451	7806047,1594	701,032m
CONCEIÇÃO DO PARÁ - MG	518032,9964	7806119,7999	699,615m	518051,3111	7806049,6849	701,003m
CONCEIÇÃO DO PARÁ - MG	518030,3189	7806123,6735	699,369m	518045,9075	7806062,8833	701,015m
CONCEIÇÃO DO PARÁ - MG	518020,1364	7806135,0812	698,393m	518043,1525	7806067,9170	701,007m
CONCEIÇÃO DO PARÁ - MG	518017,9428	7806137,5387	698,144m	518037,8541	7806077,5979	700,933m
CONCEIÇÃO DO PARÁ - MG	518015,2862	7806143,2560	697,682m	518032,7572	7806084,9718	700,751m
CONCEIÇÃO DO PARÁ - MG	518019,1519	7806152,9125	696,956m	518021,3852	7806101,4241	700,058m
CONCEIÇÃO DO PARÁ - MG	518024,6034	7806166,5306	695,111m	518014,5721	7806111,2809	699,612m
CONCEIÇÃO DO PARÁ - MG	518029,5889	7806168,4194	694,897m	518009,2330	7806117,2624	699,250m
CONCEIÇÃO DO PARÁ - MG	518048,2916	7806175,5053	694,028m	518001,0519	7806126,4278	698,644m
CONCEIÇÃO DO PARÁ - MG	518066,9942	7806182,5912	693,404m	517997,8011	7806133,4239	698,291m
CONCEIÇÃO DO PARÁ - MG	518071,9491	7806184,4684	693,550m	517993,5069	7806142,6657	697,757m
CONCEIÇÃO DO PARÁ - MG	518085,1847	7806190,8677	693,421m	517997,1524	7806151,7724	696,846m
CONCEIÇÃO DO PARÁ - MG	518096,0969	7806196,1436	692,458m	518004,5853	7806170,3399	695,045m
CONCEIÇÃO DO PARÁ - MG	518103,0911	7806199,2813	691,807m	518009,3012	7806182,1203	693,995m
CONCEIÇÃO DO PARÁ - MG	518103,2932	7806199,3503	691,791m	518016,1377	7806184,7105	693,505m
CONCEIÇÃO DO PARÁ - MG	518108,7676	7806201,2181	691,265m	518034,8404	7806191,7963	691,996m
CONCEIÇÃO DO PARÁ - MG	518120,8734	7806204,7849	690,073m	518053,5431	7806198,8822	690,577m
CONCEIÇÃO DO PARÁ - MG	518122,3735	7806205,3280	690,023m	518064,0380	7806202,8584	689,933m
CONCEIÇÃO DO PARÁ - MG	518132,1275	7806208,8593	690,426m	518071,9399	7806206,6789	689,418m
CONCEIÇÃO DO PARÁ - MG	518140,9205	7806212,7774	690,474m	518087,6492	7806214,2741	688,336m
CONCEIÇÃO DO PARÁ - MG	518144,3433	7806214,3025	690,333m	518089,9767	7806215,3183	688,170m
CONCEIÇÃO DO PARÁ - MG	518155,2410	7806220,6252	689,423m	518095,7529	7806217,9097	687,789m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	518157,9647	7806223,0607	688,808m	518102,7095	7806220,2832	687,531m
CONCEIÇÃO DO PARÁ - MG	518163,6187	7806228,1163	687,516m	518108,7707	7806222,0691	687,225m
CONCEIÇÃO DO PARÁ - MG	518170,6632	7806238,3396	685,758m	518114,6373	7806223,7976	686,945m
CONCEIÇÃO DO PARÁ - MG	518171,1709	7806239,0765	685,667m	518124,6436	7806227,4202	686,512m
CONCEIÇÃO DO PARÁ - MG	518179,7717	7806256,1362	683,624m	518127,6051	7806228,7398	686,374m
CONCEIÇÃO DO PARÁ - MG	518181,9613	7806260,4792	683,221m	518135,2289	7806232,1369	686,062m
CONCEIÇÃO DO PARÁ - MG	518186,2331	7806270,3881	682,214m	518143,4347	7806236,8978	685,610m
CONCEIÇÃO DO PARÁ - MG	518188,2920	7806274,2152	681,743m	518145,0498	7806238,3420	685,452m
CONCEIÇÃO DO PARÁ - MG	518192,4473	7806281,9394	680,925m	518148,5059	7806241,4323	685,114m
CONCEIÇÃO DO PARÁ - MG	518196,8485	7806289,3163	680,068m	518153,9271	7806249,2998	684,399m
CONCEIÇÃO DO PARÁ - MG	518198,4435	7806291,4187	679,830m	518156,5424	7806254,4872	683,901m
CONCEIÇÃO DO PARÁ - MG	518203,6048	7806298,2218	679,093m	518163,8327	7806268,9475	682,433m
CONCEIÇÃO DO PARÁ - MG	518211,0768	7806306,9117	677,915m	518165,3394	7806272,4425	682,062m
CONCEIÇÃO DO PARÁ - MG	518212,4070	7806308,4588	677,577m	518168,2099	7806279,1009	681,367m
CONCEIÇÃO DO PARÁ - MG	518219,4696	7806314,7139	676,173m	518174,2500	7806290,3285	680,263m
CONCEIÇÃO DO PARÁ - MG	518224,5874	7806321,5322	675,367m	518175,0445	7806291,8054	680,122m
CONCEIÇÃO DO PARÁ - MG	518224,6595	7806321,6281	675,357m	518180,2429	7806300,5185	679,402m
CONCEIÇÃO DO PARÁ - MG	518229,7550	7806328,1243	674,934m	518185,1851	7806307,0328	678,660m
CONCEIÇÃO DO PARÁ - MG	518234,7958	7806338,5983	674,320m	518188,0411	7806310,7973	678,228m
CONCEIÇÃO DO PARÁ - MG	518235,1627	7806339,3606	674,273m	518197,9997	7806322,3794	677,184m
CONCEIÇÃO DO PARÁ - MG	518240,9675	7806348,8518	673,527m	518198,1287	7806322,5293	677,171m
CONCEIÇÃO DO PARÁ - MG	518246,9763	7806354,1762	672,994m	518204,6915	7806328,3417	676,433m
CONCEIÇÃO DO PARÁ - MG	518248,1181	7806355,1879	672,882m	518208,7918	7806333,8044	675,651m
CONCEIÇÃO DO PARÁ - MG	518260,2155	7806366,0360	671,371m	518211,3872	7806337,1132	675,376m
CONCEIÇÃO DO PARÁ - MG	518261,8971	7806367,4938	671,155m	518212,6765	7806338,7569	675,251m
CONCEIÇÃO DO PARÁ - MG	518271,0966	7806375,4694	669,887m	518217,5767	7806348,9388	674,677m
CONCEIÇÃO DO PARÁ - MG	518276,4905	7806381,1378	669,190m	518221,0261	7806354,5788	674,191m
CONCEIÇÃO DO PARÁ - MG	518280,8658	7806385,7358	668,854m	518225,4657	7806361,8378	673,502m
CONCEIÇÃO DO PARÁ - MG	518287,8955	7806395,1583	668,453m	518234,0662	7806369,4586	672,590m
CONCEIÇÃO DO PARÁ - MG	518288,8766	7806396,7820	668,388m	518234,8099	7806370,1176	672,515m
CONCEIÇÃO DO PARÁ - MG	518293,3603	7806404,2023	668,099m	518247,1236	7806377,3550	671,345m
CONCEIÇÃO DO PARÁ - MG	518297,4956	7806412,6883	667,987m	518251,2173	7806379,7109	670,857m
CONCEIÇÃO DO PARÁ - MG	518298,1181	7806414,4731	667,985m	518259,5103	7806384,4834	669,822m
CONCEIÇÃO DO PARÁ - MG	518301,1883	7806423,2764	667,864m	518267,0896	7806391,6511	669,065m
CONCEIÇÃO DO PARÁ - MG	518304,4963	7806431,3241	667,810m	518268,2906	7806392,7868	668,952m
CONCEIÇÃO DO PARÁ - MG	518305,4135	7806433,0739	667,820m	518274,4056	7806401,4819	668,407m
CONCEIÇÃO DO PARÁ - MG	518307,2721	7806436,6193	667,915m	518277,9019	7806408,3614	668,091m
CONCEIÇÃO DO PARÁ - MG	518310,7174	7806440,9502	668,266m	518279,5013	7806411,5087	667,994m
CONCEIÇÃO DO PARÁ - MG	518317,0320	7806445,6824	668,747m	518278,9998	7806420,3888	667,417m
CONCEIÇÃO DO PARÁ - MG	518319,1445	7806447,1493	668,811m	518281,4944	7806427,5416	666,995m
CONCEIÇÃO DO PARÁ - MG	518325,7980	7806451,7693	668,818m	518282,4831	7806430,3765	666,969m
CONCEIÇÃO DO PARÁ - MG	518333,0742	7806456,0962	669,194m	518286,3512	7806439,7870	666,923m
CONCEIÇÃO DO PARÁ - MG	518336,0455	7806457,8182	669,405m	518289,5192	7806445,8302	666,723m
CONCEIÇÃO DO PARÁ - MG	518340,7446	7806460,5415	669,767m	518290,4394	7806447,5855	666,698m
CONCEIÇÃO DO PARÁ - MG	518347,9770	7806464,4690	670,374m	518296,6662	7806455,4131	666,753m
CONCEIÇÃO DO PARÁ - MG	518353,4466	7806467,6728	670,659m	518303,0808	7806460,2202	666,866m
CONCEIÇÃO DO PARÁ - MG	518358,4462	7806470,6013	670,908m	518305,3277	7806461,9040	666,889m
CONCEIÇÃO DO PARÁ - MG	518365,4456	7806478,0191	671,347m	518314,9698	7806468,5992	667,164m
CONCEIÇÃO DO PARÁ - MG	518367,4090	7806481,5122	671,484m	518319,6571	7806471,3866	667,395m
CONCEIÇÃO DO PARÁ - MG	518372,3874	7806490,3692	671,831m	518322,9484	7806473,3438	667,580m
CONCEIÇÃO DO PARÁ - MG	518377,5130	7806498,7685	672,456m	518330,9563	7806477,9847	667,974m
CONCEIÇÃO DO PARÁ - MG	518380,0775	7806502,9709	672,749m	518337,0333	7806481,2848	668,378m
CONCEIÇÃO DO PARÁ - MG	518388,2052	7806515,6695	673,865m	518338,1480	7806481,8902	668,459m
CONCEIÇÃO DO PARÁ - MG	518388,8506	7806516,6779	673,967m	518345,8658	7806486,4108	668,970m
CONCEIÇÃO DO PARÁ - MG	518392,4147	7806523,3228	674,423m	518349,2141	7806489,9592	669,254m
CONCEIÇÃO DO PARÁ - MG	518395,0826	7806528,5275	674,599m	518351,6192	7806494,2381	669,445m
CONCEIÇÃO DO PARÁ - MG	518397,2098	7806530,7316	674,790m	518355,1285	7806500,4814	669,732m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	518399,2814	7806531,8423	675,029m	518361,8159	7806511,4401	670,164m
CONCEIÇÃO DO PARÁ - MG	518400,8762	7806532,6974	675,205m	518363,1169	7806513,5720	670,294m
CONCEIÇÃO DO PARÁ - MG	518407,2857	7806533,8502	676,064m	518371,5901	7806526,8104	671,324m
CONCEIÇÃO DO PARÁ - MG	518417,7709	7806535,9783	677,637m	518372,4336	7806528,3831	671,411m
CONCEIÇÃO DO PARÁ - MG	518418,7158	7806536,2346	677,768m	518374,7018	7806532,6119	671,705m
CONCEIÇÃO DO PARÁ - MG	518429,8999	7806539,2678	679,305m	518378,6353	7806540,2855	672,181m
CONCEIÇÃO DO PARÁ - MG	518437,5345	7806542,7996	680,479m	518383,2034	7806545,0190	672,661m
CONCEIÇÃO DO PARÁ - MG	518439,7909	7806543,8434	680,838m	518384,9958	7806546,8763	672,829m
CONCEIÇÃO DO PARÁ - MG	518450,0924	7806550,4971	682,273m	518394,2178	7806551,8208	673,536m
CONCEIÇÃO DO PARÁ - MG	518454,4940	7806553,3594	682,735m	518401,0630	7806553,0519	674,489m
CONCEIÇÃO DO PARÁ - MG	518460,1696	7806557,0501	683,302m	518403,5260	7806553,4949	674,870m
CONCEIÇÃO DO PARÁ - MG	518469,4050	7806563,4143	683,926m	518413,1594	7806555,4501	676,464m
CONCEIÇÃO DO PARÁ - MG	518471,0736	7806564,5422	684,024m	518420,5597	7806557,4572	677,676m
CONCEIÇÃO DO PARÁ - MG	518479,9268	7806570,5264	684,335m	518423,0352	7806558,1286	678,113m
CONCEIÇÃO DO PARÁ - MG	518487,8657	7806575,3973	684,318m	518430,1193	7806561,4057	679,182m
CONCEIÇÃO DO PARÁ - MG	518488,4842	7806575,7768	684,317m	518438,2084	7806566,6304	680,252m
CONCEIÇÃO DO PARÁ - MG	518497,5994	7806580,6343	684,369m	518439,2152	7806567,2807	680,394m
CONCEIÇÃO DO PARÁ - MG	518505,5825	7806584,6708	684,442m	518449,0418	7806573,6707	681,317m
CONCEIÇÃO DO PARÁ - MG	518510,5072	7806587,1608	684,433m	518454,8716	7806577,6880	681,672m
CONCEIÇÃO DO PARÁ - MG	518521,4836	7806592,3828	684,520m	518458,1304	7806579,9337	681,803m
CONCEIÇÃO DO PARÁ - MG	518523,6486	7806593,2340	684,575m	518469,0919	7806587,3430	681,888m
CONCEIÇÃO DO PARÁ - MG	518540,4082	7806599,8227	685,068m	518471,4884	7806588,8134	681,953m
CONCEIÇÃO DO PARÁ - MG	518542,2766	7806600,5130	685,149m	518478,5425	7806593,1414	682,146m
CONCEIÇÃO DO PARÁ - MG	518559,0139	7806606,6966	685,599m	518488,3831	7806598,3856	682,159m
CONCEIÇÃO DO PARÁ - MG	518561,0624	7806607,3721	685,673m	518488,8947	7806598,6442	682,160m
CONCEIÇÃO DO PARÁ - MG	518574,9734	7806611,9591	686,177m	518501,6976	7806605,1177	682,182m
CONCEIÇÃO DO PARÁ - MG	518579,9523	7806613,9229	686,324m	518506,8029	7806607,5465	682,224m
CONCEIÇÃO DO PARÁ - MG	518587,0567	7806616,7251	686,506m	518513,5192	7806610,7418	682,404m
CONCEIÇÃO DO PARÁ - MG	518598,7703	7806620,6792	686,727m	518525,2105	7806615,3380	682,701m
CONCEIÇÃO DO PARÁ - MG	518598,8116	7806620,6932	686,728m	518533,2831	7806618,5116	682,871m
CONCEIÇÃO DO PARÁ - MG	518609,3034	7806624,8866	686,912m	518543,9072	7806622,4367	683,321m
CONCEIÇÃO DO PARÁ - MG	518616,2592	7806627,5484	687,025m	518552,4147	7806625,5799	683,550m
CONCEIÇÃO DO PARÁ - MG	518617,4240	7806627,8757	687,055m	518562,7954	7806629,0028	683,872m
CONCEIÇÃO DO PARÁ - MG	518620,8398	7806628,8357	687,141m	518568,1671	7806630,7740	683,972m
CONCEIÇÃO DO PARÁ - MG	518631,6309	7806631,7420	687,429m	518580,1848	7806635,5141	684,258m
CONCEIÇÃO DO PARÁ - MG	518636,8542	7806632,4876	687,638m	518581,5350	7806635,9699	684,291m
CONCEIÇÃO DO PARÁ - MG	518640,3411	7806632,9853	687,804m	518591,8967	7806639,4677	684,481m
CONCEIÇÃO DO PARÁ - MG	518655,7919	7806632,9853	688,566m	518600,3132	7806642,8316	684,470m
CONCEIÇÃO DO PARÁ - MG	518656,8179	7806632,9419	688,612m	518602,0177	7806643,5129	684,475m
CONCEIÇÃO DO PARÁ - MG	518674,1656	7806632,2074	689,532m	518609,9665	7806646,5547	684,517m
CONCEIÇÃO DO PARÁ - MG	518676,7946	7806632,0053	689,671m	518615,5336	7806648,1192	684,621m
CONCEIÇÃO DO PARÁ - MG	518692,8048	7806630,7747	690,580m	518619,2711	7806649,1258	684,696m
CONCEIÇÃO DO PARÁ - MG	518696,7451	7806630,6405	690,808m	518627,6024	7806651,3697	684,865m
CONCEIÇÃO DO PARÁ - MG	518707,3761	7806630,2784	691,442m	518638,8601	7806652,9767	685,306m
CONCEIÇÃO DO PARÁ - MG	518716,7315	7806630,6523	691,860m	518638,9209	7806652,9853	685,309m
CONCEIÇÃO DO PARÁ - MG	518720,1245	7806630,7879	692,014m	518656,2151	7806652,9853	686,452m
CONCEIÇÃO DO PARÁ - MG	518734,3832	7806632,6711	692,508m	518658,8571	7806652,8735	686,599m
CONCEIÇÃO DO PARÁ - MG	518736,5834	7806632,9793	692,554m	518675,3553	7806652,1750	687,488m
CONCEIÇÃO DO PARÁ - MG	518751,2697	7806635,0365	693,192m	518678,8321	7806651,9077	687,663m
CONCEIÇÃO DO PARÁ - MG	518756,4152	7806635,5429	693,304m	518693,9121	7806650,7486	688,579m
CONCEIÇÃO DO PARÁ - MG	518772,0628	7806637,0827	693,578m	518698,7848	7806650,5826	688,840m
CONCEIÇÃO DO PARÁ - MG	518776,3221	7806637,4696	693,647m	518707,3171	7806650,2920	689,356m
CONCEIÇÃO DO PARÁ - MG	518781,2631	7806637,9184	693,723m	518718,4122	7806650,7354	689,888m
CONCEIÇÃO DO PARÁ - MG	518786,3484	7806637,0716	693,929m	518718,7679	7806650,7824	689,908m
CONCEIÇÃO DO PARÁ - MG	518793,3875	7806633,8745	694,490m	518731,6866	7806652,4887	690,392m
CONCEIÇÃO DO PARÁ - MG	518795,2308	7806632,7635	694,667m	518738,5883	7806653,4554	690,591m
CONCEIÇÃO DO PARÁ - MG	518802,6213	7806628,3093	695,502m	518748,9021	7806654,9001	691,197m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	518811,9135	7806621,7553	696,986m	518758,4416	7806655,8389	691,536m
CONCEIÇÃO DO PARÁ - MG	518813,5224	7806620,6206	697,213m	518770,1788	7806656,9939	692,031m
CONCEIÇÃO DO PARÁ - MG	518826,8318	7806612,8841	698,308m	518778,3512	7806657,7363	691,977m
CONCEIÇÃO DO PARÁ - MG	518829,1904	7806611,7057	698,411m	518782,0134	7806658,0689	691,960m
CONCEIÇÃO DO PARÁ - MG	518836,4190	7806608,0943	698,733m	518792,2262	7806656,3681	692,103m
CONCEIÇÃO DO PARÁ - MG	518847,7626	7806604,4342	699,185m	518797,6612	7806653,8996	692,445m
CONCEIÇÃO DO PARÁ - MG	518852,7285	7806602,8319	699,415m	518802,7161	7806651,6038	692,775m
CONCEIÇÃO DO PARÁ - MG	518860,7610	7806600,7025	699,655m	518813,5611	7806645,0675	693,596m
CONCEIÇÃO DO PARÁ - MG	518866,9989	7806598,9773	699,972m	518815,0204	7806644,0383	693,777m
CONCEIÇÃO DO PARÁ - MG	518878,2583	7806595,8633	700,455m	518824,3324	7806637,4703	694,936m
CONCEIÇÃO DO PARÁ - MG	518886,0970	7806593,0807	700,758m	518831,7716	7806633,1461	695,518m
CONCEIÇÃO DO PARÁ - MG	518890,3043	7806591,5872	700,874m	518836,3360	7806630,4929	696,189m
CONCEIÇÃO DO PARÁ - MG	518902,5520	7806587,9317	701,450m	518844,0023	7806626,6628	697,011m
CONCEIÇÃO DO PARÁ - MG	518905,1368	7806586,9816	701,632m	518849,8558	7806624,7741	697,146m
CONCEIÇÃO DO PARÁ - MG	518923,9088	7806580,0817	702,131m	518858,3657	7806622,0283	697,258m
CONCEIÇÃO DO PARÁ - MG	518924,1227	7806580,0031	702,132m	518865,9892	7806620,0073	697,525m
CONCEIÇÃO DO PARÁ - MG	518936,0779	7806575,0025	702,382m	518869,0458	7806619,1620	697,610m
CONCEIÇÃO DO PARÁ - MG	518942,3958	7806572,4519	702,650m	518884,2769	7806614,9496	698,071m
CONCEIÇÃO DO PARÁ - MG	518952,2138	7806568,4882	702,968m	518888,2322	7806613,5455	698,297m
CONCEIÇÃO DO PARÁ - MG	518961,0737	7806565,3119	703,427m	518896,5136	7806610,6057	698,801m
CONCEIÇÃO DO PARÁ - MG	518973,5063	7806560,8549	704,083m	518907,2575	7806607,3991	699,392m
CONCEIÇÃO DO PARÁ - MG	518979,9356	7806558,6631	704,365m	518908,8681	7806606,9184	699,454m
CONCEIÇÃO DO PARÁ - MG	518988,5283	7806555,7338	704,810m	518926,0626	7806600,5983	699,914m
CONCEIÇÃO DO PARÁ - MG	518995,5741	7806555,3427	705,366m	518931,4350	7806598,6236	700,199m
CONCEIÇÃO DO PARÁ - MG	518999,4278	7806555,0465	705,750m	518943,6806	7806593,5016	701,103m
CONCEIÇÃO DO PARÁ - MG	519003,3163	7806554,7476	706,089m	518944,6102	7806593,1263	701,158m
CONCEIÇÃO DO PARÁ - MG	519013,2014	7806552,9785	706,843m	518959,3349	7806587,1817	701,945m
CONCEIÇÃO DO PARÁ - MG	519019,0653	7806551,4577	707,353m	518963,2138	7806585,7911	702,038m
CONCEIÇÃO DO PARÁ - MG	519024,6119	7806550,0191	707,855m	518980,1081	7806579,7346	702,981m
CONCEIÇÃO DO PARÁ - MG	519035,9409	7806547,9437	708,780m	518982,0512	7806579,0721	703,145m
CONCEIÇÃO DO PARÁ - MG	519038,6834	7806548,1760	708,943m	518992,3807	7806575,5508	703,990m
CONCEIÇÃO DO PARÁ - MG	519047,1125	7806548,8897	709,447m	518996,8949	7806575,3002	704,320m
CONCEIÇÃO DO PARÁ - MG	519058,5177	7806550,6534	710,020m	519001,4471	7806574,9503	704,662m
CONCEIÇÃO DO PARÁ - MG	519060,7902	7806551,0048	710,107m	519005,8506	7806574,6118	704,995m
CONCEIÇÃO DO PARÁ - MG	519072,9046	7806552,4197	710,779m	519017,4800	7806572,5306	705,933m
CONCEIÇÃO DO PARÁ - MG	519078,3823	7806552,9537	711,149m	519021,1286	7806571,5843	706,269m
CONCEIÇÃO DO PARÁ - MG	519085,1847	7806553,6168	711,664m	519028,9301	7806569,5608	707,015m
CONCEIÇÃO DO PARÁ - MG	519091,6147	7806554,1398	712,173m	519036,9162	7806568,0979	707,633m
CONCEIÇÃO DO PARÁ - MG	519097,9252	7806551,8469	712,896m	519040,7239	7806568,4203	707,857m
CONCEIÇÃO DO PARÁ - MG	519104,3824	7806549,5007	713,596m	519044,7377	7806568,7602	708,098m
CONCEIÇÃO DO PARÁ - MG	519105,3716	7806547,1981	713,802m	519058,1010	7806570,8267	708,802m
CONCEIÇÃO DO PARÁ - MG	519108,3354	7806541,0777	714,308m	519060,5342	7806571,1109	708,890m
CONCEIÇÃO DO PARÁ - MG	519110,6500	7806538,0345	714,765m	519070,7742	7806572,3068	709,287m
CONCEIÇÃO DO PARÁ - MG	519112,0086	7806536,2483	715,025m	519080,4189	7806573,2471	710,049m
CONCEIÇÃO DO PARÁ - MG	519118,2044	7806528,0495	716,042m	519083,4037	7806573,5380	710,383m
CONCEIÇÃO DO PARÁ - MG	519123,1225	7806522,4146	716,823m	519094,3431	7806574,4277	711,572m
CONCEIÇÃO DO PARÁ - MG	519136,2735	7806507,3464	718,944m	519100,0064	7806572,3700	712,233m
CONCEIÇÃO DO PARÁ - MG	519142,5226	7806500,1863	719,730m	519118,8040	7806565,5399	715,244m
CONCEIÇÃO DO PARÁ - MG	519149,4376	7806492,2897	720,601m	519119,3438	7806565,3438	715,332m
CONCEIÇÃO DO PARÁ - MG	519162,6136	7806477,2433	722,311m	519123,5692	7806555,5077	716,210m
CONCEIÇÃO DO PARÁ - MG	519165,2189	7806474,2682	722,653m	519125,4644	7806551,5940	716,621m
CONCEIÇÃO DO PARÁ - MG	519174,1945	7806463,3779	723,844m	519127,9460	7806548,3313	717,015m
CONCEIÇÃO DO PARÁ - MG	519175,4027	7806461,8689	724,033m	519128,1105	7806548,1137	717,033m
CONCEIÇÃO DO PARÁ - MG	519181,3755	7806454,4088	724,974m	519133,7359	7806540,6698	717,591m
CONCEIÇÃO DO PARÁ - MG	519188,0654	7806446,3895	725,897m	519140,7517	7806532,6313	719,456m
CONCEIÇÃO DO PARÁ - MG	519200,8773	7806431,0319	727,724m	519153,9027	7806517,5631	722,915m
CONCEIÇÃO DO PARÁ - MG	519213,3644	7806416,0635	729,059m	519157,5799	7806513,3498	723,390m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	519213,7104	7806415,6930	729,096m	519167,0717	7806502,5106	723,987m
CONCEIÇÃO DO PARÁ - MG	519227,3626	7806401,0773	730,032m	519180,2477	7806487,4643	725,348m
CONCEIÇÃO DO PARÁ - MG	519230,8671	7806397,3254	730,374m	519180,4624	7806487,2191	725,370m
CONCEIÇÃO DO PARÁ - MG	519240,2533	7806385,7974	731,490m	519189,7184	7806475,9886	726,225m
CONCEIÇÃO DO PARÁ - MG	519250,9168	7806372,7005	732,939m	519192,9189	7806471,9911	726,497m
CONCEIÇÃO DO PARÁ - MG	519253,0404	7806370,4271	733,215m	519196,8621	7806467,0660	727,108m
CONCEIÇÃO DO PARÁ - MG	519262,9622	7806359,8049	734,652m	519205,6323	7806456,5531	728,315m
CONCEIÇÃO DO PARÁ - MG	519266,8280	7806355,9423	735,389m	519218,4442	7806441,1954	730,208m
CONCEIÇÃO DO PARÁ - MG	519279,5517	7806343,2286	737,486m	519228,3629	7806429,3059	731,494m
CONCEIÇÃO DO PARÁ - MG	519280,6887	7806341,5674	737,653m	519231,4458	7806426,0053	731,820m
CONCEIÇÃO DO PARÁ - MG	519283,8751	7806336,9121	738,089m	519245,0979	7806411,3896	733,357m
CONCEIÇÃO DO PARÁ - MG	519292,1162	7806328,4984	738,977m	519245,9471	7806410,4806	733,448m
CONCEIÇÃO DO PARÁ - MG	519293,9756	7806326,7080	739,144m	519257,7894	7806395,9359	734,730m
CONCEIÇÃO DO PARÁ - MG	519301,1529	7806319,7973	739,749m	519265,9967	7806385,8557	735,533m
CONCEIÇÃO DO PARÁ - MG	519308,2526	7806312,7032	740,000m	519270,7758	7806380,7394	736,021m
CONCEIÇÃO DO PARÁ - MG	519308,4493	7806312,5067	740,000m	519277,3426	7806373,7090	736,819m
CONCEIÇÃO DO PARÁ - MG	519315,8447	7806305,1171	739,793m	519284,6851	7806366,3723	737,875m
CONCEIÇÃO DO PARÁ - MG	519318,7418	7806300,5461	739,382m	519295,0047	7806356,0609	739,396m
CONCEIÇÃO DO PARÁ - MG	519320,7322	7806297,2440	739,021m	519298,0613	7806351,5951	739,830m
CONCEIÇÃO DO PARÁ - MG	519327,4212	7806286,1464	737,386m	519299,3894	7806349,6549	740,020m
CONCEIÇÃO DO PARÁ - MG	519331,1612	7806280,1792	736,377m	519306,1992	7806342,7025	740,826m
CONCEIÇÃO DO PARÁ - MG	519337,6808	7806269,7771	734,727m	519311,9021	7806337,2113	741,105m
CONCEIÇÃO DO PARÁ - MG	519341,8925	7806263,3028	733,941m	519315,1584	7806334,0759	741,212m
CONCEIÇÃO DO PARÁ - MG	519344,0222	7806260,0288	733,599m	519322,5858	7806326,6544	741,522m
CONCEIÇÃO DO PARÁ - MG	519352,2931	7806246,2224	732,081m	519326,1085	7806323,1345	741,741m
CONCEIÇÃO DO PARÁ - MG	519359,3588	7806234,4278	731,353m	519331,5502	7806317,6971	742,012m
CONCEIÇÃO DO PARÁ - MG	519362,9468	7806229,3091	731,278m	519335,7549	7806311,0630	741,915m
CONCEIÇÃO DO PARÁ - MG	519369,1067	7806220,5214	730,835m	519338,0536	7806307,2492	741,714m
CONCEIÇÃO DO PARÁ - MG	519374,0615	7806212,6887	730,073m	519344,4603	7806296,6201	740,421m
CONCEIÇÃO DO PARÁ - MG	519376,0823	7806209,4942	729,769m	519348,4908	7806290,1894	739,467m
CONCEIÇÃO DO PARÁ - MG	519385,3653	7806196,1932	729,115m	519354,5378	7806280,5415	737,468m
CONCEIÇÃO DO PARÁ - MG	519387,3862	7806193,2975	729,035m	519359,2347	7806273,3211	736,319m
CONCEIÇÃO DO PARÁ - MG	519395,7015	7806182,4647	729,019m	519360,9890	7806270,6244	736,016m
CONCEIÇÃO DO PARÁ - MG	519397,3741	7806180,2036	728,926m	519369,6138	7806256,2272	735,085m
CONCEIÇÃO DO PARÁ - MG	519402,6578	7806173,0606	728,711m	519376,1474	7806245,3208	735,119m
CONCEIÇÃO DO PARÁ - MG	519408,3113	7806164,9947	728,465m	519380,3297	7806239,3543	736,140m
CONCEIÇÃO DO PARÁ - MG	519409,1021	7806164,0069	728,427m	519385,7557	7806231,6135	736,673m
CONCEIÇÃO DO PARÁ - MG	519418,8268	7806151,8607	727,891m	519391,3940	7806222,7003	736,820m
CONCEIÇÃO DO PARÁ - MG	519421,8973	7806148,6531	727,755m	519392,7422	7806220,5690	736,812m
CONCEIÇÃO DO PARÁ - MG	519426,4308	7806143,9172	727,659m	519402,7452	7806206,2364	736,031m
CONCEIÇÃO DO PARÁ - MG	519433,3194	7806136,4483	727,920m	519403,5273	7806205,1157	735,916m
CONCEIÇÃO DO PARÁ - MG	519434,8280	7806133,5319	727,855m	519411,6748	7806194,5016	734,630m
CONCEIÇÃO DO PARÁ - MG	519440,7757	7806122,0336	727,795m	519414,7986	7806190,2786	734,388m
CONCEIÇÃO DO PARÁ - MG	519444,9967	7806116,3813	728,103m	519418,8889	7806184,7490	734,224m
CONCEIÇÃO DO PARÁ - MG	519446,1989	7806114,7716	728,219m	519424,3227	7806176,9964	733,785m
CONCEIÇÃO DO PARÁ - MG	519450,0842	7806108,7154	728,978m	519426,6069	7806174,1434	733,825m
CONCEIÇÃO DO PARÁ - MG	519455,5164	7806099,3861	730,610m	519433,8862	7806165,0515	733,061m
CONCEIÇÃO DO PARÁ - MG	519455,5505	7806099,3275	730,617m	519439,6624	7806159,0175	732,049m
CONCEIÇÃO DO PARÁ - MG	519461,8189	7806090,3499	731,228m	519441,0066	7806157,6132	731,906m
CONCEIÇÃO DO PARÁ - MG	519469,1545	7806085,1655	731,573m	519449,8466	7806148,0286	731,065m
CONCEIÇÃO DO PARÁ - MG	519470,6159	7806084,1326	731,644m	519452,1517	7806143,5722	730,739m
CONCEIÇÃO DO PARÁ - MG	519479,9309	7806079,1065	732,139m	519457,7843	7806132,6830	731,062m
CONCEIÇÃO DO PARÁ - MG	519486,9412	7806076,1045	732,305m	519462,4157	7806126,4813	731,996m
CONCEIÇÃO DO PARÁ - MG	519491,1173	7806074,3161	732,391m	519462,6488	7806126,1693	732,050m
CONCEIÇÃO DO PARÁ - MG	519502,2290	7806070,1298	732,313m	519467,1507	7806119,1518	732,985m
CONCEIÇÃO DO PARÁ - MG	519505,7279	7806069,3586	732,321m	519472,4200	7806110,1024	733,650m
CONCEIÇÃO DO PARÁ - MG	519515,0045	7806067,3139	732,269m	519472,8788	7806109,4453	733,683m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	519525,4713	7806066,4705	732,245m	519476,2163	7806104,6654	733,868m
CONCEIÇÃO DO PARÁ - MG	519527,2133	7806066,3301	732,192m	519481,1744	7806101,1612	734,169m
CONCEIÇÃO DO PARÁ - MG	519536,3960	7806067,6690	732,066m	519488,3018	7806097,3154	734,625m
CONCEIÇÃO DO PARÁ - MG	519545,1250	7806069,7457	731,573m	519488,6337	7806097,1363	734,639m
CONCEIÇÃO DO PARÁ - MG	519549,9425	7806070,8918	731,170m	519498,5831	7806092,8757	735,004m
CONCEIÇÃO DO PARÁ - MG	519559,1954	7806072,8013	730,160m	519506,8177	7806089,7733	735,185m
CONCEIÇÃO DO PARÁ - MG	519564,7360	7806073,6154	729,561m	519507,9363	7806089,3519	735,182m
CONCEIÇÃO DO PARÁ - MG	519565,4029	7806073,7134	729,487m	519517,9740	7806087,1394	735,117m
CONCEIÇÃO DO PARÁ - MG	519572,9134	7806073,8028	728,619m	519526,4724	7806086,4546	734,705m
CONCEIÇÃO DO PARÁ - MG	519583,1135	7806072,5759	727,558m	519526,5655	7806086,4471	734,698m
CONCEIÇÃO DO PARÁ - MG	519584,6168	7806072,2355	727,445m	519532,6313	7806087,3316	734,416m
CONCEIÇÃO DO PARÁ - MG	519590,3818	7806070,9297	727,227m	519545,6060	7806090,4183	733,392m
CONCEIÇÃO DO PARÁ - MG	519597,9794	7806069,0080	726,721m	519546,0368	7806090,5072	733,352m
CONCEIÇÃO DO PARÁ - MG	519603,9487	7806067,1489	726,455m	519555,7176	7806092,5050	732,391m
CONCEIÇÃO DO PARÁ - MG	519605,2556	7806066,7418	726,447m	519563,8231	7806093,6960	731,532m
CONCEIÇÃO DO PARÁ - MG	519611,7761	7806063,7896	726,266m	519565,7456	7806093,7189	731,309m
CONCEIÇÃO DO PARÁ - MG	519620,0539	7806060,7423	725,998m	519573,9933	7806093,8170	730,401m
CONCEIÇÃO DO PARÁ - MG	519622,5270	7806059,7833	725,910m	519585,6610	7806092,4137	729,076m
CONCEIÇÃO DO PARÁ - MG	519627,7690	7806057,7507	725,694m	519586,5257	7806092,3097	728,983m
CONCEIÇÃO DO PARÁ - MG	519637,7182	7806055,5840	724,991m	519595,0437	7806090,3804	728,285m
CONCEIÇÃO DO PARÁ - MG	519641,9128	7806055,5050	724,576m	519603,4091	7806088,2644	728,350m
CONCEIÇÃO DO PARÁ - MG	519650,4600	7806055,3438	723,818m	519605,0956	7806087,7392	728,409m
CONCEIÇÃO DO PARÁ - MG	519658,0202	7806056,0758	723,452m	519612,3808	7806085,4703	728,923m
CONCEIÇÃO DO PARÁ - MG	519661,8643	7806056,3751	723,252m	519619,3652	7806082,3080	729,463m
CONCEIÇÃO DO PARÁ - MG	519665,4102	7806056,6511	723,067m	519623,7784	7806080,6833	729,820m
CONCEIÇÃO DO PARÁ - MG	519670,4516	7806056,3548	722,634m	519627,1243	7806079,4516	730,069m
CONCEIÇÃO DO PARÁ - MG	519674,3538	7806054,9107	722,051m	519633,5470	7806076,9612	729,896m
CONCEIÇÃO DO PARÁ - MG	519680,8806	7806051,7948	721,452m	519640,0569	7806075,5435	729,181m
CONCEIÇÃO DO PARÁ - MG	519683,1920	7806050,6914	721,429m	519642,9399	7806075,4891	728,974m
CONCEIÇÃO DO PARÁ - MG	519689,8657	7806046,9530	721,431m	519649,6823	7806075,3620	728,358m
CONCEIÇÃO DO PARÁ - MG	519697,6999	7806042,4694	721,404m	519656,2802	7806076,0008	728,040m
CONCEIÇÃO DO PARÁ - MG	519698,3640	7806042,0940	721,395m	519662,8878	7806076,5153	727,678m
CONCEIÇÃO DO PARÁ - MG	519705,6447	7806037,9779	721,097m	519665,2198	7806076,6968	727,551m
CONCEIÇÃO DO PARÁ - MG	519714,1714	7806032,7427	720,653m	519674,5991	7806076,1456	726,851m
CONCEIÇÃO DO PARÁ - MG	519715,5318	7806031,8435	720,632m	519682,1489	7806073,3516	725,707m
CONCEIÇÃO DO PARÁ - MG	519721,8864	7806027,6430	720,536m	519682,3432	7806073,2588	725,676m
CONCEIÇÃO DO PARÁ - MG	519730,6591	7806024,3559	720,300m	519692,3971	7806068,4591	725,356m
CONCEIÇÃO DO PARÁ - MG	519733,6324	7806023,8607	720,208m	519699,7202	7806064,3570	725,229m
CONCEIÇÃO DO PARÁ - MG	519738,7404	7806023,0101	720,194m	519700,1241	7806064,1258	725,206m
CONCEIÇÃO DO PARÁ - MG	519747,5187	7806022,8865	720,167m	519707,5885	7806059,8538	724,176m
CONCEIÇÃO DO PARÁ - MG	519753,5415	7806023,3745	720,186m	519715,8016	7806055,2106	722,891m
CONCEIÇÃO DO PARÁ - MG	519756,3120	7806023,5989	720,184m	519717,4760	7806054,1826	722,628m
CONCEIÇÃO DO PARÁ - MG	519763,0365	7806024,7657	720,387m	519724,9209	7806049,6116	721,696m
CONCEIÇÃO DO PARÁ - MG	519768,3164	7806023,8347	720,603m	519731,0252	7806045,5766	721,003m
CONCEIÇÃO DO PARÁ - MG	519772,6922	7806021,3458	720,635m	519734,7208	7806044,1919	720,859m
CONCEIÇÃO DO PARÁ - MG	519777,4246	7806018,6541	720,486m	519735,8591	7806043,7653	720,807m
CONCEIÇÃO DO PARÁ - MG	519786,4528	7806012,0933	720,333m	519740,5340	7806042,9868	720,662m
CONCEIÇÃO DO PARÁ - MG	519789,2431	7806010,1587	720,307m	519746,8504	7806042,8979	720,730m
CONCEIÇÃO DO PARÁ - MG	519795,5395	7806005,7933	720,591m	519753,7898	7806043,4601	721,316m
CONCEIÇÃO DO PARÁ - MG	519804,3092	7806001,5242	721,012m	519754,5445	7806043,5911	721,380m
CONCEIÇÃO DO PARÁ - MG	519806,8688	7806001,1653	721,043m	519763,0644	7806045,0693	721,938m
CONCEIÇÃO DO PARÁ - MG	519816,1911	7805999,8579	721,854m	519774,2447	7806043,0979	721,508m
CONCEIÇÃO DO PARÁ - MG	519824,3050	7805999,6854	722,602m	519775,1969	7806042,9300	721,475m
CONCEIÇÃO DO PARÁ - MG	519826,7576	7805999,3866	722,913m	519788,2809	7806035,4881	720,845m
CONCEIÇÃO DO PARÁ - MG	519829,2192	7805999,0866	723,155m	519791,5012	7806033,1479	720,688m
CONCEIÇÃO DO PARÁ - MG	519835,3123	7805996,2288	724,055m	519798,0307	7806028,4029	720,389m
CONCEIÇÃO DO PARÁ - MG	519840,2077	7805992,7349	724,772m	519805,6735	7806023,1039	720,010m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	519841,9588	7805990,0521	725,312m	519808,0368	7806021,9535	720,000m
CONCEIÇÃO DO PARÁ - MG	519842,9215	7805988,8091	725,584m	519810,2191	7806020,8912	720,000m
CONCEIÇÃO DO PARÁ - MG	519849,9155	7805979,7789	726,605m	519817,7980	7806019,8283	720,000m
CONCEIÇÃO DO PARÁ - MG	519854,2218	7805972,3601	727,043m	519825,7307	7806019,6596	720,000m
CONCEIÇÃO DO PARÁ - MG	519854,7403	7805971,4669	727,128m	519827,7014	7806019,4195	720,000m
CONCEIÇÃO DO PARÁ - MG	519859,9343	7805963,9414	727,849m	519834,8148	7806018,5527	720,333m
CONCEIÇÃO DO PARÁ - MG	519859,6095	7805954,1235	728,986m	519845,4511	7806013,5641	721,954m
CONCEIÇÃO DO PARÁ - MG	519859,5354	7805951,8834	729,277m	519846,3350	7806012,9332	722,151m
CONCEIÇÃO DO PARÁ - MG	519844,4596	7805942,4978	731,686m	519854,8952	7806006,8236	723,954m
CONCEIÇÃO DO PARÁ - MG	519831,1317	7805934,2003	732,607m	519858,2655	7806001,6600	724,925m
CONCEIÇÃO DO PARÁ - MG	519827,9548	7805931,3020	732,833m	519860,2965	7805999,0376	725,363m
CONCEIÇÃO DO PARÁ - MG	519813,1798	7805917,8225	733,656m	519866,5436	7805990,9718	726,107m
CONCEIÇÃO DO PARÁ - MG	519807,0446	7805912,2252	734,789m	519871,4623	7805982,4980	726,615m
CONCEIÇÃO DO PARÁ - MG	519807,0446	7805900,5300	737,019m	519871,6447	7805982,1837	726,641m
CONCEIÇÃO DO PARÁ - MG	519807,0446	7805886,4463	738,592m	519875,9498	7805970,2785	727,532m
CONCEIÇÃO DO PARÁ - MG	519810,6677	7805881,7692	739,379m	519875,7960	7805963,3033	727,847m
CONCEIÇÃO DO PARÁ - MG	519815,7380	7805875,2236	740,345m	519875,3549	7805943,3082	730,118m
CONCEIÇÃO DO PARÁ - MG	519824,3775	7805867,3037	741,218m	519875,3195	7805941,7005	730,429m
CONCEIÇÃO DO PARÁ - MG	519839,1203	7805853,7889	743,136m	519860,4877	7805930,8247	732,548m
CONCEIÇÃO DO PARÁ - MG	519853,8631	7805840,2741	744,801m	519844,3592	7805918,9981	733,980m
CONCEIÇÃO DO PARÁ - MG	519864,1846	7805830,8123	745,827m	519843,2575	7805918,1903	734,084m
CONCEIÇÃO DO PARÁ - MG	519868,5540	7805826,7033	746,110m	519829,4917	7805905,6314	736,328m
CONCEIÇÃO DO PARÁ - MG	519883,1234	7805813,0018	746,752m	519827,0446	7805903,3989	736,724m
CONCEIÇÃO DO PARÁ - MG	519887,0388	7805809,3196	746,936m	519827,0446	7805893,2865	738,476m
CONCEIÇÃO DO PARÁ - MG	519895,6234	7805803,2367	747,001m	519830,5071	7805888,8166	739,117m
CONCEIÇÃO DO PARÁ - MG	519898,6463	7805800,4611	747,055m	519831,1860	7805888,1942	739,190m
CONCEIÇÃO DO PARÁ - MG	519907,8939	7805791,9701	747,220m	519845,9288	7805874,6794	741,289m
CONCEIÇÃO DO PARÁ - MG	519913,3242	7805786,8763	747,264m	519860,6716	7805861,1646	742,223m
CONCEIÇÃO DO PARÁ - MG	519916,8114	7805783,6052	747,339m	519875,4144	7805847,6498	743,720m
CONCEIÇÃO DO PARÁ - MG	519929,2207	7805774,7950	747,006m	519877,7933	7805845,4691	744,026m
CONCEIÇÃO DO PARÁ - MG	519931,1347	7805773,4361	746,976m	519890,0118	7805833,9784	744,712m
CONCEIÇÃO DO PARÁ - MG	519946,9601	7805765,6147	746,540m	519899,7316	7805824,8376	744,627m
CONCEIÇÃO DO PARÁ - MG	519947,9983	7805765,1016	746,511m	519905,1635	7805820,9887	744,589m
CONCEIÇÃO DO PARÁ - MG	519965,0657	7805757,1190	746,094m	519908,2184	7805818,8240	744,566m
CONCEIÇÃO DO PARÁ - MG	519965,2664	7805757,0251	746,090m	519920,1924	7805807,8297	744,477m
CONCEIÇÃO DO PARÁ - MG	519977,8865	7805754,0674	745,614m	519921,4991	7805806,6299	744,434m
CONCEIÇÃO DO PARÁ - MG	519984,6220	7805753,0205	745,500m	519929,5005	7805799,1243	744,047m
CONCEIÇÃO DO PARÁ - MG	519990,8854	7805752,0469	745,450m	519935,4165	7805794,9241	743,804m
CONCEIÇÃO DO PARÁ - MG	520001,4731	7805750,7568	745,564m	519941,4188	7805790,6627	743,626m
CONCEIÇÃO DO PARÁ - MG	520004,3276	7805749,8492	745,652m	519952,7493	7805785,0628	742,904m
CONCEIÇÃO DO PARÁ - MG	520012,4391	7805747,2703	745,815m	519956,6667	7805783,1267	742,765m
CONCEIÇÃO DO PARÁ - MG	520023,1241	7805743,0494	746,323m	519970,8249	7805776,5047	743,275m
CONCEIÇÃO DO PARÁ - MG	520024,1099	7805742,6600	746,387m	519971,8554	7805776,0228	743,296m
CONCEIÇÃO DO PARÁ - MG	520037,6034	7805737,6039	747,146m	519981,7097	7805773,7133	743,214m
CONCEIÇÃO DO PARÁ - MG	520041,8849	7805736,1230	747,234m	519990,3470	7805772,3708	743,105m
CONCEIÇÃO DO PARÁ - MG	520052,4954	7805732,4531	747,392m	519993,6317	7805771,8602	743,096m
CONCEIÇÃO DO PARÁ - MG	520060,9863	7805730,2472	747,473m	520005,7496	7805770,3836	742,923m
CONCEIÇÃO DO PARÁ - MG	520066,7675	7805728,7453	747,575m	520010,0079	7805769,0297	743,000m
CONCEIÇÃO DO PARÁ - MG	520080,3762	7805725,3458	747,631m	520019,1508	7805766,1229	743,423m
CONCEIÇÃO DO PARÁ - MG	520087,5302	7805723,5587	747,775m	520028,8292	7805762,2997	743,996m
CONCEIÇÃO DO PARÁ - MG	520100,1116	7805722,4963	747,563m	520031,2933	7805761,3262	744,100m
CONCEIÇÃO DO PARÁ - MG	520107,7049	7805721,8551	747,874m	520044,3821	7805756,4218	744,768m
CONCEIÇÃO DO PARÁ - MG	520119,9603	7805720,1057	748,029m	520047,5699	7805755,3192	744,931m
CONCEIÇÃO DO PARÁ - MG	520128,7493	7805718,8512	748,102m	520058,2876	7805751,6122	745,235m
CONCEIÇÃO DO PARÁ - MG	520139,7622	7805717,2976	748,100m	520066,6687	7805749,4348	745,370m
CONCEIÇÃO DO PARÁ - MG	520152,2230	7805715,5399	747,623m	520071,7056	7805748,1263	745,457m
CONCEIÇÃO DO PARÁ - MG	520159,5505	7805714,3988	747,870m	520086,0604	7805744,5404	745,799m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	520173,6270	7805712,2068	749,125m	520090,8163	7805743,3524	745,873m
CONCEIÇÃO DO PARÁ - MG	520179,3371	7805711,4987	749,742m	520105,8607	7805742,0820	745,485m
CONCEIÇÃO DO PARÁ - MG	520190,5581	7805710,1073	750,824m	520109,9613	7805741,7358	745,529m
CONCEIÇÃO DO PARÁ - MG	520199,0445	7805708,2229	751,650m	520125,6867	7805739,4911	745,636m
CONCEIÇÃO DO PARÁ - MG	520201,5717	7805707,6617	751,890m	520131,5593	7805738,6528	745,599m
CONCEIÇÃO DO PARÁ - MG	520216,4443	7805700,8637	753,628m	520145,4893	7805736,6878	745,786m
CONCEIÇÃO DO PARÁ - MG	520217,3533	7805700,3211	753,750m	520155,1586	7805735,3238	746,216m
CONCEIÇÃO DO PARÁ - MG	520229,0303	7805693,3508	755,475m	520165,2716	7805733,7490	746,761m
CONCEIÇÃO DO PARÁ - MG	520233,3634	7805690,3040	756,166m	520176,3970	7805732,0165	748,015m
CONCEIÇÃO DO PARÁ - MG	520234,2582	7805689,6577	756,312m	520185,0711	7805730,9409	749,023m
CONCEIÇÃO DO PARÁ - MG	520248,7425	7805679,1958	758,491m	520193,9641	7805729,8381	750,453m
CONCEIÇÃO DO PARÁ - MG	520250,4455	7805677,9122	758,692m	520204,7405	7805727,4452	751,481m
CONCEIÇÃO DO PARÁ - MG	520258,5599	7805671,7956	759,800m	520207,9670	7805726,7288	751,678m
CONCEIÇÃO DO PARÁ - MG	520266,3740	7805665,8177	760,859m	520223,1510	7805719,7884	753,414m
CONCEIÇÃO DO PARÁ - MG	520269,7227	7805663,2559	761,167m	520225,7549	7805718,5982	753,730m
CONCEIÇÃO DO PARÁ - MG	520280,2178	7805655,4130	761,980m	520239,9229	7805710,1410	755,703m
CONCEIÇÃO DO PARÁ - MG	520282,4593	7805653,9404	762,174m	520240,4438	7805709,7747	755,780m
CONCEIÇÃO DO PARÁ - MG	520292,7848	7805647,1563	763,150m	520244,9710	7805706,5914	756,451m
CONCEIÇÃO DO PARÁ - MG	520298,7082	7805642,3228	763,562m	520256,6976	7805698,1214	757,861m
CONCEIÇÃO DO PARÁ - MG	520303,1753	7805638,6775	763,859m	520260,6183	7805695,2895	758,239m
CONCEIÇÃO DO PARÁ - MG	520314,8968	7805630,6014	764,901m	520270,6554	7805687,7237	759,242m
CONCEIÇÃO DO PARÁ - MG	520323,1459	7805624,9178	765,688m	520272,7159	7805686,1474	759,477m
CONCEIÇÃO DO PARÁ - MG	520331,6656	7805619,7155	766,132m	520281,7852	7805679,2092	760,477m
CONCEIÇÃO DO PARÁ - MG	520348,7349	7805609,2925	766,877m	520288,6591	7805674,0725	761,054m
CONCEIÇÃO DO PARÁ - MG	520354,9819	7805605,4779	767,215m	520291,7055	7805671,7960	761,277m
CONCEIÇÃO DO PARÁ - MG	520364,8178	7805597,4750	767,625m	520304,6297	7805663,3045	762,456m
CONCEIÇÃO DO PARÁ - MG	520380,3315	7805584,8525	768,000m	520305,1975	7805662,8412	762,514m
CONCEIÇÃO DO PARÁ - MG	520386,2160	7805580,0646	768,000m	520315,1910	7805654,6863	763,407m
CONCEIÇÃO DO PARÁ - MG	520396,7283	7805573,4621	768,000m	520321,0388	7805650,6572	763,849m
CONCEIÇÃO DO PARÁ - MG	520404,1762	7805568,7842	768,000m	520334,0393	7805641,6999	764,813m
CONCEIÇÃO DO PARÁ - MG	520415,2686	7805567,2008	768,000m	520337,6345	7805639,5046	765,032m
CONCEIÇÃO DO PARÁ - MG	520424,6008	7805565,8687	768,000m	520354,7038	7805629,0816	765,919m
CONCEIÇÃO DO PARÁ - MG	520434,3937	7805569,8553	768,000m	520366,5572	7805621,8436	766,475m
CONCEIÇÃO DO PARÁ - MG	520441,0425	7805572,5619	768,000m	520371,2977	7805617,9865	766,818m
CONCEIÇÃO DO PARÁ - MG	520450,1122	7805581,6244	767,431m	520386,8113	7805605,3640	767,293m
CONCEIÇÃO DO PARÁ - MG	520457,2895	7805588,7961	767,021m	520397,8895	7805596,3504	767,702m
CONCEIÇÃO DO PARÁ - MG	520464,1183	7805595,8998	767,015m	520402,7318	7805593,3090	767,806m
CONCEIÇÃO DO PARÁ - MG	520477,9786	7805610,3183	767,012m	520411,2124	7805587,9826	767,888m
CONCEIÇÃO DO PARÁ - MG	520490,5775	7805623,4245	767,002m	520421,0976	7805586,5715	767,720m
CONCEIÇÃO DO PARÁ - MG	520491,5971	7805624,9323	767,001m	520422,0710	7805586,4326	767,704m
CONCEIÇÃO DO PARÁ - MG	520502,6404	7805641,2635	766,784m	520429,7621	7805589,5635	767,448m
CONCEIÇÃO DO PARÁ - MG	520502,7642	7805641,5208	766,783m	520437,3402	7805597,1356	767,106m
CONCEIÇÃO DO PARÁ - MG	520511,4357	7805659,5431	767,116m	520443,0106	7805602,8015	766,818m
CONCEIÇÃO DO PARÁ - MG	520514,2425	7805665,3767	767,246m	520451,3157	7805611,4410	766,251m
CONCEIÇÃO DO PARÁ - MG	520519,4690	7805677,8525	767,707m	520465,1760	7805625,8595	765,014m
CONCEIÇÃO DO PARÁ - MG	520522,0669	7805684,0537	767,829m	520474,9705	7805636,0484	764,146m
CONCEIÇÃO DO PARÁ - MG	520529,1401	7805695,2893	768,273m	520478,2569	7805640,9084	763,824m
CONCEIÇÃO DO PARÁ - MG	520538,6241	7805710,3544	769,002m	520485,2527	7805651,2541	763,869m
CONCEIÇÃO DO PARÁ - MG	520540,0791	7805712,0021	769,011m	520488,5093	7805658,0224	764,175m
CONCEIÇÃO DO PARÁ - MG	520550,7939	7805724,1359	769,076m	520495,9958	7805673,5819	764,650m
CONCEIÇÃO DO PARÁ - MG	520553,8603	7805726,4012	769,128m	520497,0518	7805676,1027	764,733m
CONCEIÇÃO DO PARÁ - MG	520563,1560	7805733,2682	769,206m	520504,2598	7805693,3081	765,403m
CONCEIÇÃO DO PARÁ - MG	520570,6629	7805737,1323	769,272m	520504,9768	7805694,4470	765,467m
CONCEIÇÃO DO PARÁ - MG	520588,4453	7805746,2857	769,039m	520515,6318	7805711,3724	766,384m
CONCEIÇÃO DO PARÁ - MG	520591,9984	7805748,1146	769,006m	520522,5610	7805722,3794	767,068m
CONCEIÇÃO DO PARÁ - MG	520606,2448	7805755,4058	769,156m	520527,1902	7805727,6216	767,353m
CONCEIÇÃO DO PARÁ - MG	520624,0486	7805764,5176	768,787m	520537,2053	7805738,9631	767,747m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	520628,7997	7805766,9491	768,656m	520541,1220	7805741,8565	767,889m
CONCEIÇÃO DO PARÁ - MG	520641,7398	7805773,8450	768,516m	520552,5692	7805750,3128	767,958m
CONCEIÇÃO DO PARÁ - MG	520649,0339	7805777,7322	768,422m	520557,6977	7805752,9526	768,124m
CONCEIÇÃO DO PARÁ - MG	520659,3900	7805783,2510	768,270m	520575,4802	7805762,1061	768,134m
CONCEIÇÃO DO PARÁ - MG	520666,3294	7805786,9491	768,154m	520582,8658	7805765,9078	767,872m
CONCEIÇÃO DO PARÁ - MG	520669,4204	7805798,6855	768,030m	520593,2751	7805771,2351	767,342m
CONCEIÇÃO DO PARÁ - MG	520674,1689	7805816,7155	768,226m	520611,0789	7805780,3469	767,215m
CONCEIÇÃO DO PARÁ - MG	520674,5072	7805818,0278	768,269m	520619,5402	7805784,6773	767,355m
CONCEIÇÃO DO PARÁ - MG	520679,4996	7805837,3947	768,847m	520628,8021	7805789,6131	767,531m
CONCEIÇÃO DO PARÁ - MG	520681,9005	7805846,7084	769,000m	520639,6280	7805795,3823	767,932m
CONCEIÇÃO DO PARÁ - MG	520683,6085	7805856,9488	769,000m	520646,4522	7805799,0190	768,010m
CONCEIÇÃO DO PARÁ - MG	520686,8990	7805876,6762	769,000m	520649,2138	7805800,4907	768,015m
CONCEIÇÃO DO PARÁ - MG	520687,9326	7805882,8728	769,000m	520653,5105	7805816,8051	768,009m
CONCEIÇÃO DO PARÁ - MG	520687,9326	7805892,9867	768,857m	520654,8151	7805821,7585	768,135m
CONCEIÇÃO DO PARÁ - MG	520690,4820	7805895,5340	768,525m	520658,5288	7805836,1652	768,408m
CONCEIÇÃO DO PARÁ - MG	520698,3854	7805903,4312	767,643m	520662,3162	7805850,8577	769,000m
CONCEIÇÃO DO PARÁ - MG	520703,9024	7805910,3220	767,068m	520663,1104	7805855,6192	769,000m
CONCEIÇÃO DO PARÁ - MG	520711,7294	7805920,0979	766,798m	520666,4009	7805875,3466	769,000m
CONCEIÇÃO DO PARÁ - MG	520715,5115	7805926,5477	766,587m	520667,9326	7805884,5294	769,000m
CONCEIÇÃO DO PARÁ - MG	520724,3168	7805941,5638	766,057m	520669,9742	7805895,0230	769,000m
CONCEIÇÃO DO PARÁ - MG	520725,5418	7805943,8487	765,867m	520671,0649	7805900,6287	768,826m
CONCEIÇÃO DO PARÁ - MG	520731,1747	7805954,3550	765,186m	520679,7613	7805911,9668	767,995m
CONCEIÇÃO DO PARÁ - MG	520734,9257	7805961,5104	764,608m	520683,4652	7805916,7959	767,502m
CONCEIÇÃO DO PARÁ - MG	520741,5658	7805974,1770	763,465m	520692,1614	7805927,6575	766,653m
CONCEIÇÃO DO PARÁ - MG	520743,1325	7805979,6559	762,980m	520695,2104	7805931,4658	766,433m
CONCEIÇÃO DO PARÁ - MG	520747,5300	7805995,0348	761,536m	520702,8595	7805944,5101	765,701m
CONCEIÇÃO DO PARÁ - MG	520747,8155	7805999,0293	761,191m	520706,8709	7805951,3509	765,233m
CONCEIÇÃO DO PARÁ - MG	520749,2415	7806018,9784	759,465m	520712,5740	7805961,9883	764,555m
CONCEIÇÃO DO PARÁ - MG	520749,4538	7806021,9484	759,235m	520713,5042	7805963,7233	764,467m
CONCEIÇÃO DO PARÁ - MG	520748,2401	7806038,9275	758,084m	520721,8761	7805979,6933	763,541m
CONCEIÇÃO DO PARÁ - MG	520748,0662	7806041,3596	757,984m	520722,9002	7805981,6469	763,377m
CONCEIÇÃO DO PARÁ - MG	520747,4275	7806058,9097	756,987m	520727,7291	7805998,5345	761,921m
CONCEIÇÃO DO PARÁ - MG	520747,1445	7806066,6864	756,641m	520727,7455	7805998,7638	761,904m
CONCEIÇÃO DO PARÁ - MG	520744,7938	7806078,6763	756,262m	520729,1715	7806018,7129	760,390m
CONCEIÇÃO DO PARÁ - MG	520741,3172	7806096,4090	755,591m	520729,4028	7806021,9484	760,213m
CONCEIÇÃO DO PARÁ - MG	520740,9582	7806098,3050	755,524m	520728,2080	7806038,6620	759,367m
CONCEIÇÃO DO PARÁ - MG	520737,2375	7806117,9559	755,076m	520728,0922	7806040,2826	759,276m
CONCEIÇÃO DO PARÁ - MG	520735,0792	7806129,3548	754,997m	520727,4239	7806058,6457	758,281m
CONCEIÇÃO DO PARÁ - MG	520734,1210	7806137,6985	754,910m	520727,2150	7806064,3845	758,015m
CONCEIÇÃO DO PARÁ - MG	520731,9606	7806156,5100	754,993m	520724,4720	7806078,3755	757,514m
CONCEIÇÃO DO PARÁ - MG	520731,8311	7806157,5669	754,992m	520721,6784	7806092,6247	757,281m
CONCEIÇÃO DO PARÁ - MG	520729,3984	7806177,4184	755,653m	520720,6590	7806098,0086	757,177m
CONCEIÇÃO DO PARÁ - MG	520729,2927	7806178,2808	755,696m	520716,9383	7806117,6594	756,768m
CONCEIÇÃO DO PARÁ - MG	520728,2713	7806197,3847	756,136m	520715,2929	7806126,3495	756,513m
CONCEIÇÃO DO PARÁ - MG	520727,6770	7806208,4992	756,640m	520714,0201	7806137,4322	756,188m
CONCEIÇÃO DO PARÁ - MG	520727,0331	7806217,3454	757,026m	520712,0999	7806154,1526	756,096m
CONCEIÇÃO DO PARÁ - MG	520725,8285	7806233,8957	757,289m	520711,7143	7806157,2988	756,089m
CONCEIÇÃO DO PARÁ - MG	520725,2681	7806237,2552	757,325m	520709,3578	7806176,5285	756,586m
CONCEIÇÃO DO PARÁ - MG	520722,4725	7806254,0160	757,596m	520709,3243	7806177,1540	756,608m
CONCEIÇÃO DO PARÁ - MG	520721,5661	7806256,8838	757,616m	520708,2566	7806197,1255	757,123m
CONCEIÇÃO DO PARÁ - MG	520715,5392	7806275,9541	757,609m	520707,7158	7806207,2393	757,275m
CONCEIÇÃO DO PARÁ - MG	520713,8402	7806281,3298	757,635m	520706,9992	7806217,0850	757,621m
CONCEIÇÃO DO PARÁ - MG	520707,0269	7806293,9731	758,108m	520705,9486	7806231,5195	757,927m
CONCEIÇÃO DO PARÁ - MG	520701,1097	7806304,9535	758,537m	520705,0392	7806236,9715	758,099m
CONCEIÇÃO DO PARÁ - MG	520698,6159	7806312,0551	758,819m	520702,9771	7806249,3341	758,438m
CONCEIÇÃO DO PARÁ - MG	520692,5305	7806329,3850	759,494m	520700,7271	7806256,4536	758,681m
CONCEIÇÃO DO PARÁ - MG	520692,1789	7806330,9794	759,547m	520695,3386	7806273,5034	758,949m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	520687,8721	7806350,5102	760,134m	520694,3334	7806275,3688	758,991m
CONCEIÇÃO DO PARÁ - MG	520686,8500	7806355,1452	760,361m	520684,8456	7806292,9751	759,131m
CONCEIÇÃO DO PARÁ - MG	520684,4692	7806370,2119	761,191m	520682,7591	7806296,8468	759,196m
CONCEIÇÃO DO PARÁ - MG	520681,4090	7806389,5775	762,475m	520677,5899	7806311,5674	759,420m
CONCEIÇÃO DO PARÁ - MG	520681,3156	7806389,9603	762,496m	520673,2599	7806323,8984	759,682m
CONCEIÇÃO DO PARÁ - MG	520676,6719	7806408,9926	763,058m	520671,7674	7806330,6667	759,822m
CONCEIÇÃO DO PARÁ - MG	520676,5521	7806409,3841	763,059m	520667,4605	7806350,1974	760,803m
CONCEIÇÃO DO PARÁ - MG	520670,6977	7806428,5081	763,577m	520667,1893	7806351,4276	760,865m
CONCEIÇÃO DO PARÁ - MG	520664,8434	7806447,6320	763,664m	520664,2642	7806369,9382	761,788m
CONCEIÇÃO DO PARÁ - MG	520664,7789	7806447,8429	763,668m	520661,7831	7806385,6396	762,576m
CONCEIÇÃO DO PARÁ - MG	520658,8184	7806466,7029	763,233m	520660,8104	7806389,6264	762,778m
CONCEIÇÃO DO PARÁ - MG	520653,5999	7806483,2150	762,584m	520657,3788	7806403,6906	763,412m
CONCEIÇÃO DO PARÁ - MG	520652,3379	7806485,5826	762,508m	520655,7621	7806408,9719	763,658m
CONCEIÇÃO DO PARÁ - MG	520642,9303	7806503,2319	762,018m	520649,9078	7806428,0959	764,023m
CONCEIÇÃO DO PARÁ - MG	520633,5227	7806520,8811	761,699m	520645,6813	7806441,9021	764,042m
CONCEIÇÃO DO PARÁ - MG	520631,0517	7806525,5167	761,638m	520644,0054	7806447,2050	764,031m
CONCEIÇÃO DO PARÁ - MG	520624,7564	7806538,8524	761,395m	520637,9785	7806466,2753	763,674m
CONCEIÇÃO DO PARÁ - MG	520619,4991	7806549,9891	761,142m	520635,0845	7806475,4323	763,314m
CONCEIÇÃO DO PARÁ - MG	520615,2340	7806556,3817	761,066m	520630,1942	7806484,6069	763,127m
CONCEIÇÃO DO PARÁ - MG	520605,3358	7806571,2171	760,958m	520620,7866	7806502,2561	762,901m
CONCEIÇÃO DO PARÁ - MG	520604,0422	7806572,9540	760,993m	520613,1735	7806516,5387	762,699m
CONCEIÇÃO DO PARÁ - MG	520592,0956	7806588,9939	761,012m	520611,5448	7806519,9887	762,622m
CONCEIÇÃO DO PARÁ - MG	520583,3651	7806600,7157	760,333m	520603,0070	7806538,0748	762,063m
CONCEIÇÃO DO PARÁ - MG	520580,0844	7806604,9849	760,006m	520602,0431	7806540,1166	762,031m
CONCEIÇÃO DO PARÁ - MG	520567,8978	7806620,8433	759,155m	520592,1961	7806554,8753	761,446m
CONCEIÇÃO DO PARÁ - MG	520563,5417	7806626,5119	759,041m	520588,9864	7806559,6860	761,213m
CONCEIÇÃO DO PARÁ - MG	520554,9930	7806636,1070	759,010m	520580,4943	7806571,0878	761,016m
CONCEIÇÃO DO PARÁ - MG	520541,6885	7806651,0399	758,265m	520568,5477	7806587,1277	759,833m
CONCEIÇÃO DO PARÁ - MG	520530,1953	7806663,9398	757,471m	520567,4151	7806588,6484	759,648m
CONCEIÇÃO DO PARÁ - MG	520528,4432	7806666,0240	757,386m	520556,3839	7806603,0033	758,286m
CONCEIÇÃO DO PARÁ - MG	520515,5734	7806681,3330	757,098m	520548,1257	7806613,7496	758,155m
CONCEIÇÃO DO PARÁ - MG	520511,8266	7806685,7899	756,962m	520543,8369	7806618,5633	758,144m
CONCEIÇÃO DO PARÁ - MG	520505,0219	7806698,2276	756,002m	520530,5325	7806633,4962	758,004m
CONCEIÇÃO DO PARÁ - MG	520495,4227	7806715,7734	755,073m	520517,2280	7806648,4291	758,403m
CONCEIÇÃO DO PARÁ - MG	520493,8547	7806718,6393	755,048m	520515,0712	7806650,8500	758,541m
CONCEIÇÃO DO PARÁ - MG	520487,0542	7806733,9283	754,869m	520504,2877	7806663,6772	759,348m
CONCEIÇÃO DO PARÁ - MG	520485,1110	7806738,2971	754,820m	520495,2364	7806674,4440	759,294m
CONCEIÇÃO DO PARÁ - MG	520480,2179	7806752,7076	754,672m	520492,3883	7806679,6499	759,085m
CONCEIÇÃO DO PARÁ - MG	520476,7114	7806763,0344	754,741m	520482,7890	7806697,1957	758,026m
CONCEIÇÃO DO PARÁ - MG	520474,3002	7806771,8030	755,134m	520475,9147	7806709,7607	757,471m
CONCEIÇÃO DO PARÁ - MG	520472,4948	7806778,3688	755,288m	520473,6074	7806714,9481	757,279m
CONCEIÇÃO DO PARÁ - MG	520471,8513	7806789,9420	755,154m	520466,4664	7806731,0026	757,213m
CONCEIÇÃO DO PARÁ - MG	520471,9161	7806791,5401	755,157m	520465,6854	7806733,3026	757,364m
CONCEIÇÃO DO PARÁ - MG	520472,7269	7806811,5237	754,635m	520459,2549	7806752,2406	758,054m
CONCEIÇÃO DO PARÁ - MG	520473,5377	7806831,5072	753,312m	520457,5836	7806757,1626	757,913m
CONCEIÇÃO DO PARÁ - MG	520474,0194	7806843,3803	752,551m	520453,6591	7806771,4349	758,243m
CONCEIÇÃO DO PARÁ - MG	520474,3775	7806851,4896	752,149m	520452,6442	7806775,1258	758,364m
CONCEIÇÃO DO PARÁ - MG	520475,2597	7806871,4701	751,058m	520451,8288	7806789,7920	757,470m
CONCEIÇÃO DO PARÁ - MG	520476,1419	7806891,4506	749,526m	520451,8889	7806791,2740	757,303m
CONCEIÇÃO DO PARÁ - MG	520476,2205	7806893,2324	749,397m	520452,6997	7806811,2576	755,510m
CONCEIÇÃO DO PARÁ - MG	520475,9063	7806911,4462	748,274m	520453,5105	7806831,2412	754,092m
CONCEIÇÃO DO PARÁ - MG	520475,5612	7806931,4432	747,140m	520454,0373	7806844,2268	753,226m
CONCEIÇÃO DO PARÁ - MG	520475,4812	7806936,0783	746,948m	520454,3462	7806851,2237	752,874m
CONCEIÇÃO DO PARÁ - MG	520474,4048	7806951,4048	746,348m	520455,2284	7806871,2042	751,838m
CONCEIÇÃO DO PARÁ - MG	520473,0037	7806971,3556	744,803m	520456,1106	7806891,1847	749,936m
CONCEIÇÃO DO PARÁ - MG	520472,4966	7806978,5748	744,423m	520456,2129	7806893,5013	749,703m
CONCEIÇÃO DO PARÁ - MG	520469,8653	7806991,0636	743,887m	520455,9079	7806911,1798	748,367m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	520465,7420	7807010,6340	743,130m	520455,5628	7806931,1769	747,359m
CONCEIÇÃO DO PARÁ - MG	520463,5470	7807021,0518	742,345m	520455,4933	7806935,2046	747,159m
CONCEIÇÃO DO PARÁ - MG	520461,1404	7807030,0903	741,577m	520454,3744	7806951,1370	746,154m
CONCEIÇÃO DO PARÁ - MG	520455,9944	7807049,4170	740,432m	520452,9732	7806971,0879	744,877m
CONCEIÇÃO DO PARÁ - MG	520453,5936	7807058,4334	740,073m	520452,6423	7806975,7995	744,710m
CONCEIÇÃO DO PARÁ - MG	520448,9231	7807068,0263	739,585m	520449,4927	7806990,7481	744,164m
CONCEIÇÃO DO PARÁ - MG	520440,1682	7807086,0082	738,259m	520445,3694	7807010,3184	743,180m
CONCEIÇÃO DO PARÁ - MG	520439,9450	7807086,4666	738,210m	520444,0851	7807016,4139	742,817m
CONCEIÇÃO DO PARÁ - MG	520431,8456	7807104,1942	736,560m	520440,5419	7807029,7209	741,825m
CONCEIÇÃO DO PARÁ - MG	520424,2832	7807120,7462	735,570m	520435,3959	7807049,0476	740,139m
CONCEIÇÃO DO PARÁ - MG	520423,3648	7807122,2968	735,496m	520434,7648	7807051,4179	739,964m
CONCEIÇÃO DO PARÁ - MG	520413,1724	7807139,5048	734,556m	520427,0836	7807067,1945	738,956m
CONCEIÇÃO DO PARÁ - MG	520402,9800	7807156,7128	733,492m	520421,8557	7807077,9322	738,131m
CONCEIÇÃO DO PARÁ - MG	520402,0540	7807158,2763	733,405m	520418,5074	7807085,2607	737,537m
CONCEIÇÃO DO PARÁ - MG	520389,6403	7807171,4553	732,335m	520410,1961	7807103,4520	736,431m
CONCEIÇÃO DO PARÁ - MG	520389,5893	7807171,5144	732,329m	520406,5336	7807111,4683	736,054m
CONCEIÇÃO DO PARÁ - MG	520376,5246	7807186,6575	730,805m	520400,8326	7807121,0933	735,539m
CONCEIÇÃO DO PARÁ - MG	520371,0431	7807193,0110	730,191m	520390,6402	7807138,3013	734,448m
CONCEIÇÃO DO PARÁ - MG	520362,6934	7807201,0760	729,501m	520385,9756	7807146,1767	733,931m
CONCEIÇÃO DO PARÁ - MG	520348,7250	7807214,5681	727,557m	520378,5385	7807154,0724	733,457m
CONCEIÇÃO DO PARÁ - MG	520348,3242	7807214,9867	727,514m	520374,7824	7807158,0600	733,228m
CONCEIÇÃO DO PARÁ - MG	520334,4918	7807229,4320	727,186m	520365,2962	7807169,0554	732,544m
CONCEIÇÃO DO PARÁ - MG	520320,6594	7807243,8772	726,901m	520356,4942	7807179,2577	732,089m
CONCEIÇÃO DO PARÁ - MG	520319,6655	7807244,9152	726,894m	520351,8006	7807183,7912	731,843m
CONCEIÇÃO DO PARÁ - MG	520306,4188	7807257,9192	727,584m	520337,4153	7807197,6859	730,441m
CONCEIÇÃO DO PARÁ - MG	520292,1465	7807271,9300	728,754m	520334,5496	7807200,4539	730,254m
CONCEIÇÃO DO PARÁ - MG	520278,0694	7807285,7493	729,544m	520323,4728	7807212,0215	729,306m
CONCEIÇÃO DO PARÁ - MG	520277,9132	7807285,9737	729,544m	520309,6404	7807226,4668	728,741m
CONCEIÇÃO DO PARÁ - MG	520266,4940	7807302,3933	730,005m	520305,4341	7807230,8595	728,747m
CONCEIÇÃO DO PARÁ - MG	520255,0747	7807318,8128	730,546m	520295,5019	7807240,6097	728,766m
CONCEIÇÃO DO PARÁ - MG	520248,0735	7807328,8798	731,078m	520281,2297	7807254,6205	729,371m
CONCEIÇÃO DO PARÁ - MG	520243,2026	7807334,8921	731,597m	520266,9574	7807268,6313	730,044m
CONCEIÇÃO DO PARÁ - MG	520230,6126	7807350,4321	733,334m	520262,7205	7807272,7906	730,227m
CONCEIÇÃO DO PARÁ - MG	520223,2185	7807359,5588	734,203m	520254,6912	7807284,3357	730,575m
CONCEIÇÃO DO PARÁ - MG	520219,1467	7807366,7385	734,507m	520243,2719	7807300,7553	731,340m
CONCEIÇÃO DO PARÁ - MG	520211,4766	7807380,2632	735,149m	520232,0723	7807316,8591	731,980m
CONCEIÇÃO DO PARÁ - MG	520209,9715	7807384,4528	735,287m	520231,8302	7807317,1579	732,000m
CONCEIÇÃO DO PARÁ - MG	520203,2094	7807403,2750	736,231m	520219,2402	7807332,6979	733,162m
CONCEIÇÃO DO PARÁ - MG	520201,4758	7807408,1006	736,418m	520206,6502	7807348,2379	734,449m
CONCEIÇÃO DO PARÁ - MG	520196,9742	7807422,2754	736,984m	520206,6373	7807348,2539	734,450m
CONCEIÇÃO DO PARÁ - MG	520191,7251	7807438,8041	737,745m	520196,7812	7807365,6331	735,322m
CONCEIÇÃO DO PARÁ - MG	520191,1425	7807441,3973	737,862m	520193,2340	7807371,8880	735,585m
CONCEIÇÃO DO PARÁ - MG	520186,7584	7807460,9109	738,554m	520188,9031	7807383,9429	736,073m
CONCEIÇÃO DO PARÁ - MG	520182,3744	7807480,4245	739,903m	520182,5271	7807401,6906	736,888m
CONCEIÇÃO DO PARÁ - MG	520178,9073	7807495,8565	740,740m	520182,1815	7807402,7788	736,938m
CONCEIÇÃO DO PARÁ - MG	520178,4988	7807500,0198	740,957m	520176,1280	7807421,8406	737,827m
CONCEIÇÃO DO PARÁ - MG	520176,5458	7807519,9242	741,899m	520172,4012	7807433,5755	738,544m
CONCEIÇÃO DO PARÁ - MG	520174,5929	7807539,8286	742,522m	520170,7161	7807441,0761	738,984m
CONCEIÇÃO DO PARÁ - MG	520173,0722	7807555,3272	742,734m	520166,3320	7807460,5897	739,617m
CONCEIÇÃO DO PARÁ - MG	520172,9614	7807559,7528	742,835m	520161,9480	7807480,1033	740,509m
CONCEIÇÃO DO PARÁ - MG	520172,4612	7807579,7466	743,365m	520159,1233	7807492,6760	741,082m
CONCEIÇÃO DO PARÁ - MG	520171,9609	7807599,7403	743,500m	520158,4286	7807499,7559	741,365m
CONCEIÇÃO DO PARÁ - MG	520171,8794	7807602,9977	743,432m	520156,4757	7807519,6603	742,010m
CONCEIÇÃO DO PARÁ - MG	520169,3788	7807619,5515	743,022m	520154,5227	7807539,5647	742,033m
CONCEIÇÃO DO PARÁ - MG	520166,3914	7807639,3271	743,013m	520153,0966	7807554,0990	742,268m
CONCEIÇÃO DO PARÁ - MG	520163,4041	7807659,1027	743,231m	520152,9617	7807559,4933	742,459m
CONCEIÇÃO DO PARÁ - MG	520162,2781	7807666,5565	743,624m	520152,4614	7807579,4870	743,031m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	520160,1108	7807678,8283	744,104m	520151,9612	7807599,4807	743,072m
CONCEIÇÃO DO PARÁ - MG	520156,6324	7807698,5234	744,690m	520151,9170	7807601,2471	743,082m
CONCEIÇÃO DO PARÁ - MG	520155,2234	7807706,5015	745,306m	520149,1935	7807619,2756	743,007m
CONCEIÇÃO DO PARÁ - MG	520154,2923	7807718,3635	746,250m	520146,2062	7807639,0513	742,967m
CONCEIÇÃO DO PARÁ - MG	520152,7272	7807738,3022	747,139m	520143,2188	7807658,8269	743,449m
CONCEIÇÃO DO PARÁ - MG	520151,1622	7807758,2408	748,574m	520142,5396	7807663,3231	743,628m
CONCEIÇÃO DO PARÁ - MG	520150,5026	7807766,6431	749,179m	520139,8521	7807678,5404	744,190m
CONCEIÇÃO DO PARÁ - MG	520149,1905	7807778,1404	749,784m	520136,3737	7807698,2356	744,851m
CONCEIÇÃO DO PARÁ - MG	520146,9227	7807798,0114	750,554m	520135,3602	7807703,9739	745,099m
CONCEIÇÃO DO PARÁ - MG	520146,8624	7807798,5398	750,568m	520134,2512	7807718,1033	746,071m
CONCEIÇÃO DO PARÁ - MG	520145,2878	7807817,9442	750,926m	520132,6861	7807738,0420	747,426m
CONCEIÇÃO DO PARÁ - MG	520144,6730	7807825,5214	750,895m	520131,1211	7807757,9807	749,094m
CONCEIÇÃO DO PARÁ - MG	520144,6730	7807837,9193	750,708m	520130,5916	7807764,7260	749,579m
CONCEIÇÃO DO PARÁ - MG	520144,6730	7807847,5402	750,587m	520129,0910	7807777,8746	750,702m
CONCEIÇÃO DO PARÁ - MG	520147,5264	7807857,5193	750,864m	520126,9544	7807796,5966	751,669m
CONCEIÇÃO DO PARÁ - MG	520151,5040	7807871,4298	751,439m	520126,8608	7807797,7493	751,688m
CONCEIÇÃO DO PARÁ - MG	520153,9054	7807876,4134	751,510m	520125,2432	7807817,6837	752,447m
CONCEIÇÃO DO PARÁ - MG	520160,3125	7807889,7099	751,995m	520124,6730	7807824,7113	752,970m
CONCEIÇÃO DO PARÁ - MG	520163,6145	7807893,7791	752,229m	520124,6730	7807837,6606	752,741m
CONCEIÇÃO DO PARÁ - MG	520176,2165	7807909,3093	753,099m	520124,6730	7807850,3434	752,654m
CONCEIÇÃO DO PARÁ - MG	520181,3219	7807915,6009	753,398m	520126,6847	7807857,3787	752,482m
CONCEIÇÃO DO PARÁ - MG	520190,4474	7807923,2349	753,821m	520132,1831	7807876,6080	752,881m
CONCEIÇÃO DO PARÁ - MG	520205,7876	7807936,0676	754,020m	520132,7446	7807878,5718	752,803m
CONCEIÇÃO DO PARÁ - MG	520212,6989	7807941,8493	754,026m	520140,5399	7807894,7491	752,356m
CONCEIÇÃO DO PARÁ - MG	520220,9851	7807949,0674	754,016m	520143,3097	7807900,4972	752,588m
CONCEIÇÃO DO PARÁ - MG	520236,0658	7807962,2042	753,462m	520151,8913	7807911,0728	752,883m
CONCEIÇÃO DO PARÁ - MG	520243,0127	7807968,2557	753,093m	520164,4934	7807926,6030	753,179m
CONCEIÇÃO DO PARÁ - MG	520248,5973	7807977,4845	752,587m	520167,0083	7807929,7023	753,305m
CONCEIÇÃO DO PARÁ - MG	520258,9517	7807994,5955	752,241m	520179,2871	7807939,9741	753,788m
CONCEIÇÃO DO PARÁ - MG	520263,0556	7808001,3773	752,548m	520194,6273	7807952,8068	754,017m
CONCEIÇÃO DO PARÁ - MG	520269,8533	7808011,3549	752,800m	520199,7128	7807957,0612	754,014m
CONCEIÇÃO DO PARÁ - MG	520281,1142	7808027,8834	752,058m	520209,7939	7807965,8428	754,001m
CONCEIÇÃO DO PARÁ - MG	520292,3751	7808044,4119	751,089m	520224,8746	7807978,9796	752,993m
CONCEIÇÃO DO PARÁ - MG	520303,3418	7808060,5087	748,361m	520227,5196	7807981,2837	752,751m
CONCEIÇÃO DO PARÁ - MG	520303,6198	7808060,9511	748,315m	520236,0579	7807995,3936	751,758m
CONCEIÇÃO DO PARÁ - MG	520314,2612	7808077,8851	748,523m	520246,2236	7808012,1928	750,601m
CONCEIÇÃO DO PARÁ - MG	520323,4761	7808092,5491	746,588m	520246,4288	7808012,4940	750,580m
CONCEIÇÃO DO PARÁ - MG	520325,0144	7808094,7449	746,120m	520257,6897	7808029,0225	748,998m
CONCEIÇÃO DO PARÁ - MG	520336,4897	7808111,1252	743,900m	520268,9506	7808045,5510	747,761m
CONCEIÇÃO DO PARÁ - MG	520344,2670	7808122,2268	742,330m	520280,2115	7808062,0796	746,085m
CONCEIÇÃO DO PARÁ - MG	520347,9311	7808127,5292	741,464m	520286,6048	7808071,4636	745,210m
CONCEIÇÃO DO PARÁ - MG	520359,3009	7808143,9830	739,467m	520291,2046	7808078,7834	744,520m
CONCEIÇÃO DO PARÁ - MG	520370,6707	7808160,4368	737,669m	520301,8460	7808095,7174	742,956m
CONCEIÇÃO DO PARÁ - MG	520379,3666	7808173,0210	735,372m	520306,8085	7808103,6144	742,345m
CONCEIÇÃO DO PARÁ - MG	520382,2048	7808176,7718	734,677m	520312,9324	7808112,3559	741,930m
CONCEIÇÃO DO PARÁ - MG	520394,2731	7808192,7203	733,282m	520324,4078	7808128,7363	740,143m
CONCEIÇÃO DO PARÁ - MG	520402,9952	7808204,2468	732,719m	520327,8497	7808133,6495	739,649m
CONCEIÇÃO DO PARÁ - MG	520405,5444	7808209,1716	732,111m	520335,8092	7808145,1681	738,571m
CONCEIÇÃO DO PARÁ - MG	520414,7376	7808226,9310	729,692m	520347,1791	7808161,6218	737,274m
CONCEIÇÃO DO PARÁ - MG	520414,7385	7808226,9330	729,692m	520358,5489	7808178,0756	735,775m
CONCEIÇÃO DO PARÁ - MG	520423,1252	7808245,0897	727,218m	520363,1579	7808184,7455	735,360m
CONCEIÇÃO DO PARÁ - MG	520423,9385	7808246,8505	727,044m	520370,3341	7808194,2290	734,533m
CONCEIÇÃO DO PARÁ - MG	520430,6506	7808263,6173	725,982m	520382,4023	7808210,1776	732,866m
CONCEIÇÃO DO PARÁ - MG	520432,3210	7808267,7902	725,746m	520386,0177	7808214,9553	732,379m
CONCEIÇÃO DO PARÁ - MG	520431,7467	7808283,2847	725,027m	520392,4575	7808227,3959	731,609m
CONCEIÇÃO DO PARÁ - MG	520431,4688	7808290,7842	725,008m	520396,7695	7808235,7258	730,341m
CONCEIÇÃO DO PARÁ - MG	520429,4010	7808303,1073	724,432m	520401,2229	7808245,3672	728,885m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	520426,1818	7808322,2924	722,615m	520405,5640	7808254,7656	727,858m
CONCEIÇÃO DO PARÁ - MG	520426,0965	7808322,8324	722,542m	520409,1494	7808263,7220	727,251m
CONCEIÇÃO DO PARÁ - MG	520423,6446	7808338,3491	720,629m	520412,1777	7808271,2867	726,817m
CONCEIÇÃO DO PARÁ - MG	520423,5665	7808342,6392	720,184m	520411,7387	7808283,1302	725,920m
CONCEIÇÃO DO PARÁ - MG	520423,3678	7808353,5560	718,878m	520411,5304	7808288,7505	725,542m
CONCEIÇÃO DO PARÁ - MG	520423,7462	7808362,6295	717,858m	520409,1514	7808302,9282	725,518m
CONCEIÇÃO DO PARÁ - MG	520423,8926	7808366,1395	717,747m	520406,4418	7808319,0767	724,302m
CONCEIÇÃO DO PARÁ - MG	520428,6335	7808381,9301	717,697m	520405,8759	7808322,6580	724,183m
CONCEIÇÃO DO PARÁ - MG	520428,6760	7808382,0717	717,704m	520403,6731	7808336,5980	723,133m
CONCEIÇÃO DO PARÁ - MG	520436,4745	7808400,3280	717,433m	520403,5660	7808342,4840	722,529m
CONCEIÇÃO DO PARÁ - MG	520438,7364	7808405,6231	717,425m	520403,3603	7808353,7910	721,964m
CONCEIÇÃO DO PARÁ - MG	520444,5735	7808418,6140	717,802m	520403,7224	7808362,4746	721,353m
CONCEIÇÃO DO PARÁ - MG	520446,9632	7808423,9326	717,960m	520404,0146	7808369,4837	721,196m
CONCEIÇÃO DO PARÁ - MG	520454,7650	7808435,7604	717,983m	520407,7485	7808381,9201	719,903m
CONCEIÇÃO DO PARÁ - MG	520455,6204	7808437,0571	717,993m	520409,8432	7808388,8969	718,671m
CONCEIÇÃO DO PARÁ - MG	520461,7901	7808452,0290	718,757m	520414,8382	7808400,5903	717,968m
CONCEIÇÃO DO PARÁ - MG	520463,0658	7808453,8864	718,840m	520420,4172	7808413,6506	717,953m
CONCEIÇÃO DO PARÁ - MG	520474,3889	7808470,3723	721,299m	520422,7935	7808418,9393	717,978m
CONCEIÇÃO DO PARÁ - MG	520477,5255	7808474,9391	721,870m	520429,3807	7808433,5996	718,839m
CONCEIÇÃO DO PARÁ - MG	520486,9066	7808485,9429	722,971m	520431,5434	7808436,8783	719,004m
CONCEIÇÃO DO PARÁ - MG	520491,7802	7808491,6596	723,665m	520437,8635	7808446,4599	719,244m
CONCEIÇÃO DO PARÁ - MG	520496,8832	7808503,0572	724,805m	520441,1104	7808454,3388	719,458m
CONCEIÇÃO DO PARÁ - MG	520497,4411	7808504,3033	724,942m	520444,1054	7808461,6068	719,696m
CONCEIÇÃO DO PARÁ - MG	520501,9592	7808514,7430	726,244m	520450,9780	7808471,6131	720,282m
CONCEIÇÃO DO PARÁ - MG	520505,6825	7808520,9746	726,779m	520461,6296	7808487,1213	721,985m
CONCEIÇÃO DO PARÁ - MG	520513,0984	7808533,3865	728,643m	520462,3991	7808488,0239	722,064m
CONCEIÇÃO DO PARÁ - MG	520516,6545	7808537,6364	729,283m	520474,6988	7808502,4513	723,878m
CONCEIÇÃO DO PARÁ - MG	520527,8701	7808551,0406	731,164m	520475,1244	7808503,4017	723,984m
CONCEIÇÃO DO PARÁ - MG	520529,4071	7808553,0408	731,579m	520479,1360	7808512,3617	725,030m
CONCEIÇÃO DO PARÁ - MG	520540,9957	7808568,1209	733,638m	520483,1804	7808521,7070	726,135m
CONCEIÇÃO DO PARÁ - MG	520541,5339	7808568,9416	733,768m	520484,1219	7808523,8825	726,313m
CONCEIÇÃO DO PARÁ - MG	520546,8207	7808577,0046	735,117m	520493,1643	7808539,0164	727,713m
CONCEIÇÃO DO PARÁ - MG	520552,5740	7808585,6182	736,116m	520496,7425	7808545,0053	728,529m
CONCEIÇÃO DO PARÁ - MG	520555,1137	7808589,4205	736,608m	520505,1000	7808554,9936	730,475m
CONCEIÇÃO DO PARÁ - MG	520564,4120	7808601,7311	738,348m	520512,2648	7808563,5565	731,845m
CONCEIÇÃO DO PARÁ - MG	520567,0249	7808605,1905	738,805m	520517,6482	7808570,5619	732,996m
CONCEIÇÃO DO PARÁ - MG	520575,7189	7808618,2211	740,050m	520524,6811	7808579,7137	733,900m
CONCEIÇÃO DO PARÁ - MG	520579,0115	7808623,1560	740,322m	520529,3189	7808586,7869	734,747m
CONCEIÇÃO DO PARÁ - MG	520584,5566	7808636,0845	740,866m	520530,1421	7808588,0423	734,955m
CONCEIÇÃO DO PARÁ - MG	520584,7199	7808636,4652	740,891m	520538,8047	7808601,0117	737,240m
CONCEIÇÃO DO PARÁ - MG	520591,8491	7808652,7898	741,646m	520540,5540	7808603,3277	737,500m
CONCEIÇÃO DO PARÁ - MG	520592,5613	7808654,4128	741,705m	520550,7129	7808616,7776	739,190m
CONCEIÇÃO DO PARÁ - MG	520598,3279	7808667,5532	742,168m	520552,4582	7808619,3934	739,634m
CONCEIÇÃO DO PARÁ - MG	520600,5890	7808672,7309	742,339m	520561,3549	7808632,7279	741,371m
CONCEIÇÃO DO PARÁ - MG	520605,7168	7808684,4726	742,760m	520562,9198	7808636,3765	741,708m
CONCEIÇÃO DO PARÁ - MG	520607,8487	7808691,3367	743,008m	520566,3652	7808644,4093	742,453m
CONCEIÇÃO DO PARÁ - MG	520611,1206	7808701,8712	743,529m	520570,8714	7808654,7278	743,354m
CONCEIÇÃO DO PARÁ - MG	520614,5379	7808710,1637	743,614m	520573,5278	7808660,8105	743,764m
CONCEIÇÃO DO PARÁ - MG	520617,2249	7808716,6842	743,689m	520578,8975	7808673,0466	744,509m
CONCEIÇÃO DO PARÁ - MG	520622,1133	7808728,6735	744,073m	520580,0066	7808675,5738	744,618m
CONCEIÇÃO DO PARÁ - MG	520623,8391	7808732,9062	744,290m	520586,9063	7808691,3731	745,261m
CONCEIÇÃO DO PARÁ - MG	520629,3574	7808747,3146	745,046m	520586,9452	7808691,4622	745,264m
CONCEIÇÃO DO PARÁ - MG	520631,7035	7808753,4403	745,477m	520592,2870	7808708,6611	745,969m
CONCEIÇÃO DO PARÁ - MG	520635,9567	7808766,1900	747,364m	520593,0084	7808710,4117	746,049m
CONCEIÇÃO DO PARÁ - MG	520638,4212	7808773,5776	748,142m	520598,7193	7808724,2698	746,311m
CONCEIÇÃO DO PARÁ - MG	520641,8049	7808785,3116	749,388m	520600,6113	7808728,9102	746,481m
CONCEIÇÃO DO PARÁ - MG	520643,5770	7808791,4571	750,141m	520605,2385	7808740,2591	746,809m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	520647,2365	7808804,5598	751,307m	520608,0082	7808747,4909	747,135m
CONCEIÇÃO DO PARÁ - MG	520647,6215	7808805,9381	751,402m	520612,8698	7808760,1847	748,017m
CONCEIÇÃO DO PARÁ - MG	520646,6273	7808824,4804	752,731m	520614,8974	7808766,2625	748,532m
CONCEIÇÃO DO PARÁ - MG	520646,6229	7808824,5630	752,737m	520619,3185	7808779,5154	749,791m
CONCEIÇÃO DO PARÁ - MG	520644,7087	7808843,3704	753,372m	520620,9890	7808785,3084	750,551m
CONCEIÇÃO DO PARÁ - MG	520644,4216	7808844,3416	753,384m	520624,3368	7808796,9179	751,816m
CONCEIÇÃO DO PARÁ - MG	520638,7506	7808863,5207	753,776m	520626,4666	7808804,5436	752,456m
CONCEIÇÃO DO PARÁ - MG	520637,8127	7808866,6926	753,833m	520627,4741	7808808,1510	752,701m
CONCEIÇÃO DO PARÁ - MG	520633,1466	7808882,7195	754,130m	520626,6772	7808823,0142	754,110m
CONCEIÇÃO DO PARÁ - MG	520630,1107	7808893,1471	754,399m	520626,5385	7808824,3771	754,195m
CONCEIÇÃO DO PARÁ - MG	520627,6785	7808901,9570	754,612m	520625,0005	7808839,4888	754,949m
CONCEIÇÃO DO PARÁ - MG	520622,5802	7808920,4237	754,847m	520623,6365	7808844,1016	755,023m
CONCEIÇÃO DO PARÁ - MG	520622,4663	7808921,2584	754,850m	520618,6217	7808861,0618	755,304m
CONCEIÇÃO DO PARÁ - MG	520621,3137	7808929,7038	754,880m	520617,9748	7808863,2835	755,327m
CONCEIÇÃO DO PARÁ - MG	520621,3137	7808941,1801	754,858m	520612,3841	7808882,4862	755,805m
CONCEIÇÃO DO PARÁ - MG	520621,3137	7808942,6531	754,879m	520610,8690	7808887,6903	755,925m
CONCEIÇÃO DO PARÁ - MG	520626,1605	7808960,5349	754,919m	520606,9890	7808901,7444	756,023m
CONCEIÇÃO DO PARÁ - MG	520631,3927	7808979,8384	754,555m	520602,9450	7808916,3923	755,902m
CONCEIÇÃO DO PARÁ - MG	520633,4705	7808987,5041	754,325m	520602,2954	7808921,1523	755,920m
CONCEIÇÃO DO PARÁ - MG	520637,0833	7808999,0078	753,980m	520601,3137	7808928,3454	755,837m
CONCEIÇÃO DO PARÁ - MG	520641,9097	7809014,3754	753,565m	520601,3137	7808941,0856	755,227m
CONCEIÇÃO DO PARÁ - MG	520642,8669	7809018,1482	753,500m	520601,3137	7808945,3156	755,029m
CONCEIÇÃO DO PARÁ - MG	520647,4453	7809036,1931	753,075m	520605,4393	7808960,5364	755,020m
CONCEIÇÃO DO PARÁ - MG	520647,7715	7809037,5374	753,077m	520610,6715	7808979,8399	754,834m
CONCEIÇÃO DO PARÁ - MG	520649,7599	7809045,7332	753,127m	520614,2706	7808993,1187	754,392m
CONCEIÇÃO DO PARÁ - MG	520652,5544	7809053,6023	753,043m	520616,1410	7808999,0740	754,133m
CONCEIÇÃO DO PARÁ - MG	520654,2598	7809056,3288	752,973m	520622,1336	7809018,1551	754,021m
CONCEIÇÃO DO PARÁ - MG	520659,2722	7809064,3423	752,846m	520622,6613	7809019,8353	754,015m
CONCEIÇÃO DO PARÁ - MG	520665,7692	7809072,6519	752,640m	520627,1467	7809037,5140	753,857m
CONCEIÇÃO DO PARÁ - MG	520673,8228	7809082,9523	752,224m	520628,0338	7809041,0103	753,736m
CONCEIÇÃO DO PARÁ - MG	520678,5609	7809088,0025	752,070m	520630,5674	7809051,4527	753,373m
CONCEIÇÃO DO PARÁ - MG	520686,1153	7809096,0543	751,400m	520632,4573	7809056,7746	753,183m
CONCEIÇÃO DO PARÁ - MG	520692,1471	7809102,6787	751,189m	520634,4390	7809062,3551	753,079m
CONCEIÇÃO DO PARÁ - MG	520699,3800	7809110,6220	750,913m	520641,9047	7809074,2907	753,040m
CONCEIÇÃO DO PARÁ - MG	520705,5953	7809117,4823	750,406m	520642,8714	7809075,8362	753,038m
CONCEIÇÃO DO PARÁ - MG	520709,7405	7809122,0576	750,359m	520654,0674	7809090,1558	752,867m
CONCEIÇÃO DO PARÁ - MG	520718,6505	7809132,6300	750,051m	520658,6214	7809095,9803	752,553m
CONCEIÇÃO DO PARÁ - MG	520719,6362	7809133,7996	749,969m	520667,2471	7809105,1740	752,049m
CONCEIÇÃO DO PARÁ - MG	520726,0826	7809142,2833	749,567m	520671,4277	7809109,6299	752,033m
CONCEIÇÃO DO PARÁ - MG	520730,4481	7809148,7658	749,452m	520680,7793	7809119,9001	751,904m
CONCEIÇÃO DO PARÁ - MG	520731,7153	7809150,6476	749,404m	520684,5751	7809124,0688	751,626m
CONCEIÇÃO DO PARÁ - MG	520736,7622	7809158,7468	748,862m	520694,2180	7809134,7123	751,255m
CONCEIÇÃO DO PARÁ - MG	520740,1682	7809164,3378	748,534m	520694,6781	7809135,2202	751,250m
CONCEIÇÃO DO PARÁ - MG	520740,8869	7809165,8137	748,452m	520704,0175	7809146,3020	751,085m
CONCEIÇÃO DO PARÁ - MG	520743,6640	7809171,5164	748,112m	520706,9350	7809150,1416	751,003m
CONCEIÇÃO DO PARÁ - MG	520747,9529	7809179,2455	747,450m	520709,8126	7809153,9286	750,770m
CONCEIÇÃO DO PARÁ - MG	520749,8852	7809183,6587	747,077m	520714,9285	7809161,5254	750,342m
CONCEIÇÃO DO PARÁ - MG	520750,6522	7809185,4105	746,937m	520718,1466	7809166,6897	750,044m
CONCEIÇÃO DO PARÁ - MG	520758,7893	7809201,5645	745,587m	520719,7346	7809169,2382	749,791m
CONCEIÇÃO DO PARÁ - MG	520759,2104	7809202,4004	745,510m	520722,5987	7809173,9397	749,455m
CONCEIÇÃO DO PARÁ - MG	520762,7080	7809209,5648	744,830m	520725,9167	7809180,7532	749,079m
CONCEIÇÃO DO PARÁ - MG	520767,2716	7809215,9825	744,142m	520727,8156	7809184,1753	748,834m
CONCEIÇÃO DO PARÁ - MG	520769,2528	7809218,5165	743,823m	520730,0089	7809188,1279	748,516m
CONCEIÇÃO DO PARÁ - MG	520771,7765	7809221,7444	743,423m	520732,5477	7809193,9263	748,084m
CONCEIÇÃO DO PARÁ - MG	520782,1442	7809233,8028	742,247m	520736,6639	7809202,0979	747,328m
CONCEIÇÃO DO PARÁ - MG	520783,0641	7809234,8727	742,201m	520741,2924	7809211,2865	746,685m
CONCEIÇÃO DO PARÁ - MG	520789,8141	7809243,1501	741,813m	520745,4563	7809219,8157	746,104m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	520794,9700	7809249,1466	741,387m	520745,5839	7809219,9951	746,090m
CONCEIÇÃO DO PARÁ - MG	520808,0094	7809264,3115	741,073m	520751,2358	7809227,9433	745,351m
CONCEIÇÃO DO PARÁ - MG	520808,4878	7809264,8679	741,050m	520756,3076	7809234,4302	744,799m
CONCEIÇÃO DO PARÁ - MG	520820,8565	7809279,6395	740,749m	520757,6199	7809235,9565	744,645m
CONCEIÇÃO DO PARÁ - MG	520825,0641	7809284,6646	740,705m	520767,7290	7809247,7140	743,574m
CONCEIÇÃO DO PARÁ - MG	520835,2765	7809293,4111	740,641m	520770,5691	7809251,1969	743,282m
CONCEIÇÃO DO PARÁ - MG	520841,1184	7809298,4145	740,651m	520774,4791	7809255,9917	742,950m
CONCEIÇÃO DO PARÁ - MG	520851,5049	7809305,0188	740,704m	520783,4848	7809266,4655	742,579m
CONCEIÇÃO DO PARÁ - MG	520856,8036	7809308,3880	740,885m	520793,2376	7809277,8080	742,115m
CONCEIÇÃO DO PARÁ - MG	520868,3024	7809315,8738	740,908m	520796,4739	7809281,6731	741,941m
CONCEIÇÃO DO PARÁ - MG	520885,0637	7809326,7853	740,591m	520809,3137	7809297,0073	741,600m
CONCEIÇÃO DO PARÁ - MG	520889,5522	7809329,7074	740,573m	520810,7946	7809298,7760	741,577m
CONCEIÇÃO DO PARÁ - MG	520901,3790	7809338,3432	740,570m	520824,2328	7809310,2853	741,449m
CONCEIÇÃO DO PARÁ - MG	520902,8511	7809339,4181	740,583m	520829,1879	7809314,5291	741,424m
CONCEIÇÃO DO PARÁ - MG	520916,2353	7809350,7342	740,471m	520840,5596	7809321,7600	741,369m
CONCEIÇÃO DO PARÁ - MG	520916,6953	7809351,1939	740,456m	520845,9818	7809325,2077	741,374m
CONCEIÇÃO DO PARÁ - MG	520929,3453	7809363,8338	740,137m	520857,3581	7809332,6136	741,297m
CONCEIÇÃO DO PARÁ - MG	520930,1082	7809365,8090	740,161m	520874,1193	7809343,5252	741,114m
CONCEIÇÃO DO PARÁ - MG	520937,3147	7809384,4655	740,196m	520878,1911	7809346,1759	741,069m
CONCEIÇÃO DO PARÁ - MG	520940,8905	7809393,7227	740,048m	520890,4195	7809355,1050	741,023m
CONCEIÇÃO DO PARÁ - MG	520944,7486	7809403,0310	739,841m	520890,4819	7809355,1505	741,023m
CONCEIÇÃO DO PARÁ - MG	520949,0389	7809413,3817	739,635m	520902,6872	7809365,4699	741,042m
CONCEIÇÃO DO PARÁ - MG	520952,4740	7809421,4786	739,459m	520905,4740	7809368,2546	741,032m
CONCEIÇÃO DO PARÁ - MG	520956,3882	7809430,7047	739,259m	520912,2141	7809374,9893	741,012m
CONCEIÇÃO DO PARÁ - MG	520961,0696	7809439,5162	738,793m	520915,9874	7809384,7578	741,011m
CONCEIÇÃO DO PARÁ - MG	520964,8229	7809446,5808	738,420m	520922,3215	7809401,1560	740,942m
CONCEIÇÃO DO PARÁ - MG	520968,9111	7809457,8632	737,865m	520923,2485	7809403,3924	740,865m
CONCEIÇÃO DO PARÁ - MG	520969,3403	7809459,0477	737,802m	520930,5949	7809421,1164	740,316m
CONCEIÇÃO DO PARÁ - MG	520972,7106	7809474,2019	737,042m	520930,9127	7809421,8656	740,304m
CONCEIÇÃO DO PARÁ - MG	520973,0036	7809477,4042	736,858m	520938,3171	7809439,3184	739,714m
CONCEIÇÃO DO PARÁ - MG	520974,2784	7809491,3368	735,975m	520938,8057	7809440,2382	739,659m
CONCEIÇÃO DO PARÁ - MG	520975,1041	7809497,2890	735,516m	520946,4995	7809454,7196	738,864m
CONCEIÇÃO DO PARÁ - MG	520977,0244	7809511,1315	734,727m	520947,7265	7809458,1058	738,689m
CONCEIÇÃO DO PARÁ - MG	520977,2754	7809517,1512	734,473m	520950,0973	7809464,6487	738,373m
CONCEIÇÃO DO PARÁ - MG	520977,5871	7809524,6275	734,050m	520952,9102	7809477,2966	737,795m
CONCEIÇÃO DO PARÁ - MG	520980,3853	7809536,8280	732,788m	520952,9179	7809477,3801	737,791m
CONCEIÇÃO DO PARÁ - MG	520981,9196	7809543,5180	731,708m	520954,4040	7809493,6233	736,835m
CONCEIÇÃO DO PARÁ - MG	520981,6430	7809556,6514	730,224m	520954,9109	7809497,2773	736,532m
CONCEIÇÃO DO PARÁ - MG	520981,5004	7809563,4172	729,600m	520957,0818	7809512,9263	735,175m
CONCEIÇÃO DO PARÁ - MG	520980,5000	7809576,6120	728,428m	520957,2568	7809517,1238	734,845m
CONCEIÇÃO DO PARÁ - MG	520980,4516	7809577,2504	728,364m	520957,6813	7809527,3021	734,057m
CONCEIÇÃO DO PARÁ - MG	520977,6867	7809588,8978	727,459m	520959,8749	7809536,8666	733,170m
CONCEIÇÃO DO PARÁ - MG	520976,2366	7809596,1428	726,990m	520961,8719	7809545,5739	732,190m
CONCEIÇÃO DO PARÁ - MG	520975,5206	7809599,7196	726,676m	520961,6388	7809556,6381	731,099m
CONCEIÇÃO DO PARÁ - MG	520974,4440	7809616,0364	725,495m	520961,5164	7809562,4498	730,551m
CONCEIÇÃO DO PARÁ - MG	520974,4173	7809616,4404	725,464m	520960,6280	7809574,1657	729,482m
CONCEIÇÃO DO PARÁ - MG	520974,2296	7809635,2009	723,960m	520960,0651	7809576,5373	729,288m
CONCEIÇÃO DO PARÁ - MG	520974,2819	7809636,0329	723,891m	520958,1454	7809584,6242	728,586m
CONCEIÇÃO DO PARÁ - MG	520975,1526	7809649,8934	722,673m	520955,8514	7809596,0852	727,677m
CONCEIÇÃO DO PARÁ - MG	520975,5764	7809655,9909	722,084m	520955,6508	7809597,0871	727,586m
CONCEIÇÃO DO PARÁ - MG	520976,7298	7809672,5861	720,731m	520954,4239	7809615,6813	726,305m
CONCEIÇÃO DO PARÁ - MG	520976,7298	7809675,9508	720,487m	520954,4205	7809616,0249	726,284m
CONCEIÇÃO DO PARÁ - MG	520976,7298	7809685,6163	719,651m	520954,2233	7809635,7285	724,507m
CONCEIÇÃO DO PARÁ - MG	520976,2133	7809695,9379	718,746m	520954,2418	7809636,0233	724,484m
CONCEIÇÃO DO PARÁ - MG	520975,7672	7809704,8507	718,130m	520955,1961	7809651,2138	723,254m
CONCEIÇÃO DO PARÁ - MG	520974,4736	7809715,8510	717,538m	520955,5275	7809655,9819	722,831m
CONCEIÇÃO DO PARÁ - MG	520972,7954	7809730,1218	716,538m	520956,7298	7809673,2802	721,357m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	520972,4645	7809735,7429	716,100m	520956,7298	7809675,9401	721,161m
CONCEIÇÃO DO PARÁ - MG	520971,6055	7809750,3346	714,928m	520956,7298	7809685,1162	720,482m
CONCEIÇÃO DO PARÁ - MG	520972,0267	7809755,7011	714,385m	520956,1888	7809695,9266	719,803m
CONCEIÇÃO DO PARÁ - MG	520972,8172	7809765,7714	713,467m	520955,8258	7809703,1811	719,370m
CONCEIÇÃO DO PARÁ - MG	520972,9727	7809770,5862	713,017m	520954,3382	7809715,8304	718,444m
CONCEIÇÃO DO PARÁ - MG	520977,1700	7809773,4504	712,701m	520952,8642	7809728,3647	717,168m
CONCEIÇÃO DO PARÁ - MG	520990,5099	7809782,5534	711,184m	520952,4306	7809735,7313	716,517m
CONCEIÇÃO DO PARÁ - MG	520994,2189	7809781,5206	711,010m	520951,5594	7809750,5303	715,327m
CONCEIÇÃO DO PARÁ - MG	521004,4301	7809778,6771	710,638m	520951,9643	7809755,6898	714,905m
CONCEIÇÃO DO PARÁ - MG	521013,0849	7809775,0082	710,366m	520952,8425	7809766,8772	713,956m
CONCEIÇÃO DO PARÁ - MG	521024,7625	7809770,0580	710,008m	520953,1258	7809775,6508	713,176m
CONCEIÇÃO DO PARÁ - MG	521031,6943	7809767,7167	709,849m	520953,3108	7809781,3820	712,661m
CONCEIÇÃO DO PARÁ - MG	521047,1864	7809762,4841	709,060m	520965,0944	7809789,4230	711,227m
CONCEIÇÃO DO PARÁ - MG	521050,6239	7809761,2628	708,811m	520981,6146	7809800,6962	710,065m
CONCEIÇÃO DO PARÁ - MG	521069,4699	7809754,5673	708,206m	520986,9174	7809804,3147	709,544m
CONCEIÇÃO DO PARÁ - MG	521075,3104	7809752,4924	708,075m	520999,9999	7809800,6717	709,145m
CONCEIÇÃO DO PARÁ - MG	521088,4392	7809748,2347	707,611m	521011,0432	7809797,5965	708,781m
CONCEIÇÃO DO PARÁ - MG	521107,4638	7809742,0651	707,211m	521018,9027	7809794,2648	708,409m
CONCEIÇÃO DO PARÁ - MG	521126,4884	7809735,8954	706,943m	521031,8754	7809788,7656	708,258m
CONCEIÇÃO DO PARÁ - MG	521145,5130	7809729,7258	706,265m	521037,4745	7809786,8744	708,426m
CONCEIÇÃO DO PARÁ - MG	521164,5376	7809723,5561	705,989m	521053,7346	7809781,3824	707,786m
CONCEIÇÃO DO PARÁ - MG	521176,4782	7809719,6838	705,535m	521056,4083	7809780,4325	707,544m
CONCEIÇÃO DO PARÁ - MG	521183,5173	7809717,2525	705,397m	521075,2543	7809773,7370	706,555m
CONCEIÇÃO DO PARÁ - MG	521202,4214	7809710,7229	704,709m	521081,7442	7809771,4313	706,368m
CONCEIÇÃO DO PARÁ - MG	521208,2944	7809708,6943	704,625m	521094,0702	7809766,9578	706,025m
CONCEIÇÃO DO PARÁ - MG	521221,4788	7809704,6646	704,112m	521112,8703	7809760,1347	705,540m
CONCEIÇÃO DO PARÁ - MG	521240,6054	7809698,8188	703,943m	521131,6704	7809753,3116	705,357m
CONCEIÇÃO DO PARÁ - MG	521258,5646	7809693,3297	703,520m	521150,4706	7809746,4884	705,076m
CONCEIÇÃO DO PARÁ - MG	521259,7422	7809693,0081	703,483m	521169,2707	7809739,6653	704,037m
CONCEIÇÃO DO PARÁ - MG	521279,0356	7809687,7390	703,115m	521181,9078	7809735,0789	703,593m
CONCEIÇÃO DO PARÁ - MG	521287,7545	7809685,3578	702,846m	521188,0754	7809732,8548	703,442m
CONCEIÇÃO DO PARÁ - MG	521298,2082	7809682,0593	702,555m	521206,8895	7809726,0702	703,138m
CONCEIÇÃO DO PARÁ - MG	521306,7167	7809679,3745	702,340m	521213,6290	7809723,6398	702,943m
CONCEIÇÃO DO PARÁ - MG	521317,5678	7809677,1441	702,493m	521226,0270	7809720,3169	702,256m
CONCEIÇÃO DO PARÁ - MG	521337,1583	7809673,1172	701,783m	521245,3452	7809715,1392	702,085m
CONCEIÇÃO DO PARÁ - MG	521341,8630	7809672,1501	701,574m	521263,0955	7809710,3817	701,769m
CONCEIÇÃO DO PARÁ - MG	521356,8961	7809669,9248	700,862m	521264,6397	7809709,8815	701,742m
CONCEIÇÃO DO PARÁ - MG	521359,4707	7809669,5437	700,789m	521283,6663	7809703,7179	701,351m
CONCEIÇÃO DO PARÁ - MG	521370,7397	7809671,1201	700,149m	521290,7234	7809701,4318	701,211m
CONCEIÇÃO DO PARÁ - MG	521376,6962	7809671,9825	699,747m	521303,2047	7809699,8446	700,808m
CONCEIÇÃO DO PARÁ - MG	521383,0932	7809672,9087	699,345m	521311,7526	7809698,7575	700,676m
CONCEIÇÃO DO PARÁ - MG	521395,6375	7809677,9951	697,760m	521322,7591	7809695,8532	700,333m
CONCEIÇÃO DO PARÁ - MG	521398,7435	7809679,2545	697,374m	521342,0972	7809690,7504	699,555m
CONCEIÇÃO DO PARÁ - MG	521409,8756	7809686,6700	696,511m	521343,5368	7809690,3705	699,520m
CONCEIÇÃO DO PARÁ - MG	521411,4658	7809689,5302	696,326m	521359,3831	7809686,4497	698,996m
CONCEIÇÃO DO PARÁ - MG	521416,4446	7809698,4849	695,551m	521361,5610	7809686,6485	698,798m
CONCEIÇÃO DO PARÁ - MG	521419,4677	7809707,7589	694,447m	521370,4000	7809687,4550	697,992m
CONCEIÇÃO DO PARÁ - MG	521425,6662	7809726,7741	692,600m	521381,2929	7809689,7122	697,323m
CONCEIÇÃO DO PARÁ - MG	521428,0094	7809733,9625	692,252m	521381,3163	7809689,7170	697,321m
CONCEIÇÃO DO PARÁ - MG	521431,5319	7809745,8927	691,744m	521390,7738	7809693,6377	696,427m
CONCEIÇÃO DO PARÁ - MG	521436,4923	7809762,6932	691,277m	521397,6379	7809700,5454	695,552m
CONCEIÇÃO DO PARÁ - MG	521437,0078	7809765,1216	691,286m	521397,8166	7809700,7252	695,526m
CONCEIÇÃO DO PARÁ - MG	521440,6609	7809782,3293	691,718m	521402,4447	7809711,9344	694,432m
CONCEIÇÃO DO PARÁ - MG	521441,3135	7809784,6480	691,838m	521404,1606	7809719,3581	693,860m
CONCEIÇÃO DO PARÁ - MG	521443,7252	7809793,2161	692,161m	521408,6646	7809738,8443	692,700m
CONCEIÇÃO DO PARÁ - MG	521449,7521	7809802,5361	692,901m	521408,9074	7809739,8946	692,682m
CONCEIÇÃO DO PARÁ - MG	521450,9932	7809804,4552	693,016m	521414,2655	7809758,0422	692,254m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	521460,2402	7809816,4668	693,885m	521417,0902	7809767,6090	692,016m
CONCEIÇÃO DO PARÁ - MG	521462,0482	7809818,2734	694,007m	521419,1720	7809777,4153	692,028m
CONCEIÇÃO DO PARÁ - MG	521474,4827	7809830,6981	695,299m	521421,2323	7809787,1204	692,030m
CONCEIÇÃO DO PARÁ - MG	521476,4335	7809832,1333	695,448m	521423,9630	7809796,8221	692,056m
CONCEIÇÃO DO PARÁ - MG	521491,2588	7809843,0400	696,143m	521425,2913	7809801,5412	692,302m
CONCEIÇÃO DO PARÁ - MG	521492,6734	7809843,7767	696,150m	521433,4895	7809814,2189	693,964m
CONCEIÇÃO DO PARÁ - MG	521504,2497	7809849,8054	697,547m	521434,6446	7809816,0050	694,248m
CONCEIÇÃO DO PARÁ - MG	521510,7621	7809852,2267	698,586m	521445,1848	7809829,6964	695,971m
CONCEIÇÃO DO PARÁ - MG	521520,6111	7809855,8885	699,619m	521445,6052	7809830,1165	696,020m
CONCEIÇÃO DO PARÁ - MG	521529,5872	7809858,9762	700,521m	521459,7529	7809844,2530	697,179m
CONCEIÇÃO DO PARÁ - MG	521532,8166	7809860,0870	700,921m	521461,4144	7809845,9132	697,206m
CONCEIÇÃO DO PARÁ - MG	521548,2297	7809866,2103	704,507m	521475,6325	7809856,3732	697,578m
CONCEIÇÃO DO PARÁ - MG	521548,9955	7809866,5146	704,683m	521480,6510	7809860,0652	697,747m
CONCEIÇÃO DO PARÁ - MG	521560,3079	7809869,6447	707,321m	521492,8638	7809866,4254	698,329m
CONCEIÇÃO DO PARÁ - MG	521567,7368	7809870,0236	709,304m	521496,1145	7809868,1183	698,527m
CONCEIÇÃO DO PARÁ - MG	521574,8935	7809870,3886	710,388m	521511,4254	7809873,8109	699,216m
CONCEIÇÃO DO PARÁ - MG	521587,7197	7809869,9415	711,318m	521513,8724	7809874,7207	699,366m
CONCEIÇÃO DO PARÁ - MG	521591,1036	7809869,8235	710,968m	521525,8679	7809878,8470	700,134m
CONCEIÇÃO DO PARÁ - MG	521607,5736	7809867,6405	709,594m	521530,2395	7809880,5838	700,386m
CONCEIÇÃO DO PARÁ - MG	521608,6938	7809867,4920	709,652m	521542,6179	7809885,5014	701,222m
CONCEIÇÃO DO PARÁ - MG	521620,5944	7809862,1676	711,698m	521549,0565	7809887,2830	701,687m
CONCEIÇÃO DO PARÁ - MG	521625,8583	7809859,6555	712,237m	521557,0934	7809889,5068	702,288m
CONCEIÇÃO DO PARÁ - MG	521634,7706	7809855,4022	713,190m	521568,7394	7809890,1007	703,391m
CONCEIÇÃO DO PARÁ - MG	521644,6141	7809853,0322	714,174m	521574,7323	7809890,4063	703,939m
CONCEIÇÃO DO PARÁ - MG	521652,2593	7809851,1914	714,365m	521588,7231	7809889,9187	705,633m
CONCEIÇÃO DO PARÁ - MG	521664,0240	7809848,2112	714,725m	521592,7698	7809889,7776	706,100m
CONCEIÇÃO DO PARÁ - MG	521666,8439	7809847,4969	714,753m	521608,5824	7809887,6817	708,347m
CONCEIÇÃO DO PARÁ - MG	521680,3637	7809845,5358	714,618m	521614,2060	7809886,9363	709,270m
CONCEIÇÃO DO PARÁ - MG	521683,7932	7809845,4982	714,609m	521627,2839	7809881,0851	711,767m
CONCEIÇÃO DO PARÁ - MG	521699,3655	7809845,3272	714,512m	521628,9866	7809880,3233	712,086m
CONCEIÇÃO DO PARÁ - MG	521703,7900	7809845,4701	714,967m	521641,4916	7809874,3555	714,650m
CONCEIÇÃO DO PARÁ - MG	521719,5683	7809845,9795	716,126m	521645,6514	7809873,3540	715,245m
CONCEIÇÃO DO PARÁ - MG	521723,7783	7809846,1505	716,211m	521657,0559	7809870,6081	716,604m
CONCEIÇÃO DO PARÁ - MG	521743,7618	7809846,9622	716,001m	521665,0722	7809868,5774	717,112m
CONCEIÇÃO DO PARÁ - MG	521744,6017	7809846,9963	715,957m	521670,7455	7809867,1402	717,223m
CONCEIÇÃO DO PARÁ - MG	521763,6032	7809849,4514	714,977m	521681,9158	7809865,5200	717,401m
CONCEIÇÃO DO PARÁ - MG	521768,3342	7809850,0627	714,642m	521684,7760	7809865,4886	717,492m
CONCEIÇÃO DO PARÁ - MG	521783,3766	7809852,4438	713,298m	521699,1525	7809865,3307	718,066m
CONCEIÇÃO DO PARÁ - MG	521788,8442	7809853,3093	712,686m	521704,7722	7809865,5122	718,190m
CONCEIÇÃO DO PARÁ - MG	521803,0225	7809856,1713	712,164m	521718,8398	7809865,9664	718,234m
CONCEIÇÃO DO PARÁ - MG	521808,8627	7809857,3502	712,009m	521724,7600	7809866,2069	718,195m
CONCEIÇÃO DO PARÁ - MG	521822,5980	7809860,2689	712,010m	521742,9111	7809866,9441	718,057m
CONCEIÇÃO DO PARÁ - MG	521827,9832	7809861,4132	711,804m	521744,7299	7809867,1791	718,022m
CONCEIÇÃO DO PARÁ - MG	521842,2204	7809864,1329	711,116m	521764,5650	7809869,7420	717,355m
CONCEIÇÃO DO PARÁ - MG	521861,8651	7809867,8855	710,637m	521765,4888	7809869,8613	717,280m
CONCEIÇÃO DO PARÁ - MG	521862,4617	7809867,9995	710,544m	521784,3228	7809872,8426	715,363m
CONCEIÇÃO DO PARÁ - MG	521881,6205	7809871,0024	706,687m	521785,3005	7809872,9973	715,345m
CONCEIÇÃO DO PARÁ - MG	521888,1649	7809872,0281	706,043m	521803,9348	7809876,7589	714,213m
CONCEIÇÃO DO PARÁ - MG	521901,4491	7809873,5897	705,900m	521804,8054	7809876,9346	714,096m
CONCEIÇÃO DO PARÁ - MG	521904,7638	7809873,9794	705,850m	521823,4998	7809880,9071	715,222m
CONCEIÇÃO DO PARÁ - MG	521921,4263	7809873,9794	707,520m	521824,0279	7809881,0193	715,239m
CONCEIÇÃO DO PARÁ - MG	521923,1353	7809873,9794	707,929m	521843,1424	7809884,6706	713,898m
CONCEIÇÃO DO PARÁ - MG	521935,8993	7809875,4232	710,691m	521859,0360	7809887,7067	709,333m
CONCEIÇÃO DO PARÁ - MG	521941,2393	7809876,4903	711,536m	521862,8090	7809888,2981	708,255m
CONCEIÇÃO DO PARÁ - MG	521952,7018	7809878,7810	712,448m	521882,5677	7809891,3950	706,903m
CONCEIÇÃO DO PARÁ - MG	521960,7018	7809881,0327	712,937m	521885,4479	7809891,8465	706,909m
CONCEIÇÃO DO PARÁ - MG	521967,7816	7809883,0255	713,223m	521902,4157	7809893,8411	707,399m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	521979,5327	7809887,6955	713,800m	521903,5923	7809893,9794	707,501m
CONCEIÇÃO DO PARÁ - MG	521986,4078	7809890,4278	714,005m	521922,0078	7809893,9794	709,421m
CONCEIÇÃO DO PARÁ - MG	521994,5041	7809894,7760	714,099m	521922,4051	7809894,0243	709,517m
CONCEIÇÃO DO PARÁ - MG	521997,6734	7809896,0395	714,116m	521932,8101	7809895,2013	712,513m
CONCEIÇÃO DO PARÁ - MG	522009,5886	7809900,7897	714,574m	521942,1540	7809897,0686	714,845m
CONCEIÇÃO DO PARÁ - MG	522016,2197	7809903,5242	714,658m	521948,0257	7809898,2420	715,429m
CONCEIÇÃO DO PARÁ - MG	522020,0952	7809905,1224	714,699m	521961,3618	7809901,9957	716,660m
CONCEIÇÃO DO PARÁ - MG	522029,9695	7809910,6510	715,282m	521961,5085	7809902,0540	716,677m
CONCEIÇÃO DO PARÁ - MG	522033,7624	7809913,0561	715,594m	521977,9555	7809908,5902	717,668m
CONCEIÇÃO DO PARÁ - MG	522038,8197	7809916,2630	715,844m	521979,9834	7809909,6793	717,792m
CONCEIÇÃO DO PARÁ - MG	522045,7376	7809921,7551	715,904m	521986,0422	7809912,9332	718,303m
CONCEIÇÃO DO PARÁ - MG	522049,0918	7809925,7008	715,905m	521998,2319	7809917,7930	719,003m
CONCEIÇÃO DO PARÁ - MG	522058,4917	7809936,7584	715,717m	522002,0727	7809919,3242	719,083m
CONCEIÇÃO DO PARÁ - MG	522061,8818	7809941,0728	715,371m	522011,3665	7809923,1567	719,392m
CONCEIÇÃO DO PARÁ - MG	522066,3652	7809946,7788	715,144m	522016,4379	7809925,9962	719,672m
CONCEIÇÃO DO PARÁ - MG	522070,9299	7809953,7724	715,369m	522019,7212	7809927,8345	719,846m
CONCEIÇÃO DO PARÁ - MG	522073,3674	7809956,5243	715,624m	522027,2142	7809932,5859	719,676m
CONCEIÇÃO DO PARÁ - MG	522073,9764	7809956,9002	715,658m	522031,7681	7809936,2012	719,426m
CONCEIÇÃO DO PARÁ - MG	522080,8629	7809961,1502	716,065m	522032,7721	7809937,3822	719,327m
CONCEIÇÃO DO PARÁ - MG	522087,3830	7809971,1142	717,117m	522043,0039	7809949,4184	717,964m
CONCEIÇÃO DO PARÁ - MG	522088,4642	7809972,7665	717,251m	522045,6004	7809952,7229	717,394m
CONCEIÇÃO DO PARÁ - MG	522095,2812	7809980,0541	717,914m	522050,0967	7809958,4453	716,879m
CONCEIÇÃO DO PARÁ - MG	522100,5149	7809986,1658	718,401m	522054,9845	7809965,9339	716,755m
CONCEIÇÃO DO PARÁ - MG	522108,5976	7809995,6044	719,156m	522057,4907	7809968,7634	716,942m
CONCEIÇÃO DO PARÁ - MG	522113,4664	7810001,4055	719,880m	522060,3525	7809971,9942	717,424m
CONCEIÇÃO DO PARÁ - MG	522126,3238	7810016,7250	720,768m	522066,5673	7809975,8298	718,226m
CONCEIÇÃO DO PARÁ - MG	522130,0195	7810021,1283	720,925m	522071,1563	7809982,8427	719,109m
CONCEIÇÃO DO PARÁ - MG	522137,2782	7810028,7380	721,216m	522072,6762	7809985,1654	719,397m
CONCEIÇÃO DO PARÁ - MG	522140,0573	7810031,2331	721,372m	522080,3755	7809993,3963	720,210m
CONCEIÇÃO DO PARÁ - MG	522145,6000	7810036,2096	721,682m	522084,2479	7809997,9184	720,640m
CONCEIÇÃO DO PARÁ - MG	522152,6833	7810042,0670	721,995m	522093,3419	7810008,5378	721,882m
CONCEIÇÃO DO PARÁ - MG	522155,3401	7810044,1233	722,010m	522097,2112	7810013,1481	722,651m
CONCEIÇÃO DO PARÁ - MG	522159,1735	7810047,0903	721,982m	522110,0687	7810028,4676	723,865m
CONCEIÇÃO DO PARÁ - MG	522162,4757	7810048,0652	721,901m	522115,1088	7810034,4728	724,000m
CONCEIÇÃO DO PARÁ - MG	522167,4351	7810048,9872	721,803m	522123,3407	7810043,1027	724,515m
CONCEIÇÃO DO PARÁ - MG	522173,9894	7810050,1973	721,916m	522123,5145	7810043,2587	724,538m
CONCEIÇÃO DO PARÁ - MG	522179,2120	7810051,1616	722,033m	522132,5412	7810051,3632	725,080m
CONCEIÇÃO DO PARÁ - MG	522190,7217	7810053,4618	721,946m	522138,6053	7810056,3778	725,148m
CONCEIÇÃO DO PARÁ - MG	522193,5207	7810054,3991	721,934m	522140,1866	7810057,6854	725,166m
CONCEIÇÃO DO PARÁ - MG	522198,2946	7810055,9979	722,009m	522149,9050	7810065,2074	724,911m
CONCEIÇÃO DO PARÁ - MG	522209,2591	7810061,4098	722,170m	522155,3322	7810066,8097	724,106m
CONCEIÇÃO DO PARÁ - MG	522211,7745	7810062,4915	722,137m	522157,8042	7810067,5394	723,939m
CONCEIÇÃO DO PARÁ - MG	522218,8680	7810065,5420	721,933m	522163,7917	7810068,6525	723,916m
CONCEIÇÃO DO PARÁ - MG	522227,5403	7810068,7637	721,269m	522174,9358	7810070,7101	724,749m
CONCEIÇÃO DO PARÁ - MG	522230,5403	7810069,1673	721,176m	522175,4364	7810070,8026	724,795m
CONCEIÇÃO DO PARÁ - MG	522231,8929	7810069,3492	721,146m	522185,5660	7810072,8269	725,019m
CONCEIÇÃO DO PARÁ - MG	522232,5990	7810069,2762	721,112m	522190,6581	7810074,5322	724,909m
CONCEIÇÃO DO PARÁ - MG	522236,5725	7810067,2911	720,768m	522194,0575	7810076,2101	724,955m
CONCEIÇÃO DO PARÁ - MG	522241,4711	7810061,5995	720,053m	522200,8768	7810079,5760	724,793m
CONCEIÇÃO DO PARÁ - MG	522246,2651	7810058,0346	719,436m	522211,4302	7810084,1144	724,676m
CONCEIÇÃO DO PARÁ - MG	522248,7318	7810056,2004	719,188m	522212,2808	7810084,4304	724,696m
CONCEIÇÃO DO PARÁ - MG	522255,8457	7810053,0244	718,885m	522222,6649	7810088,2881	723,975m
CONCEIÇÃO DO PARÁ - MG	522263,6079	7810049,7810	718,243m	522231,5077	7810089,4775	723,260m
CONCEIÇÃO DO PARÁ - MG	522264,3067	7810049,5959	718,180m	522231,5837	7810089,4877	723,259m
CONCEIÇÃO DO PARÁ - MG	522274,8062	7810046,8151	717,084m	522238,2789	7810088,7956	723,185m
CONCEIÇÃO DO PARÁ - MG	522283,6124	7810044,3733	715,936m	522249,1081	7810083,3854	721,851m
CONCEIÇÃO DO PARÁ - MG	522300,3992	7810039,7188	713,788m	522249,8172	7810082,5615	721,732m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	522302,8815	7810039,0160	713,479m	522255,1839	7810076,3261	720,809m
CONCEIÇÃO DO PARÁ - MG	522322,1252	7810033,5680	711,748m	522258,8975	7810073,5646	720,198m
CONCEIÇÃO DO PARÁ - MG	522339,7185	7810028,5872	709,781m	522263,7789	7810071,3853	719,393m
CONCEIÇÃO DO PARÁ - MG	522341,3826	7810028,1715	709,704m	522265,4393	7810070,6915	719,109m
CONCEIÇÃO DO PARÁ - MG	522351,6244	7810025,6130	709,381m	522270,0538	7810068,7634	718,374m
CONCEIÇÃO DO PARÁ - MG	522361,0655	7810025,8227	708,225m	522280,0386	7810066,1188	716,507m
CONCEIÇÃO DO PARÁ - MG	522367,7813	7810025,9718	707,435m	522284,5386	7810064,8711	715,557m
CONCEIÇÃO DO PARÁ - MG	522381,0502	7810026,5744	705,956m	522303,8114	7810059,5272	711,721m
CONCEIÇÃO DO PARÁ - MG	522383,1766	7810026,6710	705,709m	522305,7952	7810058,9772	711,466m
CONCEIÇÃO DO PARÁ - MG	522393,6266	7810029,0807	704,080m	522323,0581	7810054,0899	709,456m
CONCEIÇÃO DO PARÁ - MG	522400,0753	7810032,1624	703,014m	522342,3018	7810048,6419	707,535m
CONCEIÇÃO DO PARÁ - MG	522404,0830	7810034,0776	702,470m	522344,8673	7810047,9155	707,462m
CONCEIÇÃO DO PARÁ - MG	522412,8219	7810044,4728	702,106m	522353,8656	7810045,6677	707,012m
CONCEIÇÃO DO PARÁ - MG	522413,8516	7810046,1613	702,030m	522361,9225	7810045,8466	706,330m
CONCEIÇÃO DO PARÁ - MG	522424,2650	7810063,2364	700,076m	522367,1055	7810045,9617	706,023m
CONCEIÇÃO DO PARÁ - MG	522426,1734	7810066,3656	699,666m	522380,4537	7810046,5680	705,078m
CONCEIÇÃO DO PARÁ - MG	522433,4832	7810080,9736	696,817m	522381,8702	7810046,8946	705,004m
CONCEIÇÃO DO PARÁ - MG	522435,9735	7810085,9503	696,131m	522386,9885	7810048,0748	704,535m
CONCEIÇÃO DO PARÁ - MG	522441,6106	7810099,2391	693,233m	522391,5571	7810050,2581	704,098m
CONCEIÇÃO DO PARÁ - MG	522445,4858	7810108,3743	691,462m	522396,5366	7810056,1814	703,384m
CONCEIÇÃO DO PARÁ - MG	522450,1921	7810117,2846	690,801m	522397,5497	7810057,8425	703,216m
CONCEIÇÃO DO PARÁ - MG	522453,3590	7810123,2803	690,646m	522407,9631	7810074,9177	699,882m
CONCEIÇÃO DO PARÁ - MG	522458,1223	7810135,6116	690,248m	522408,6623	7810076,0642	699,565m
CONCEIÇÃO DO PARÁ - MG	522458,2976	7810136,0653	690,232m	522417,0113	7810092,7490	695,904m
CONCEIÇÃO DO PARÁ - MG	522460,8553	7810146,0559	690,045m	522417,8068	7810094,3387	695,770m
CONCEIÇÃO DO PARÁ - MG	522462,0153	7810155,1833	689,221m	522424,9229	7810111,1141	695,426m
CONCEIÇÃO DO PARÁ - MG	522462,5930	7810159,7295	688,530m	522427,4050	7810116,9654	695,282m
CONCEIÇÃO DO PARÁ - MG	522463,9397	7810173,4096	686,246m	522433,7775	7810129,0299	694,847m
CONCEIÇÃO DO PARÁ - MG	522463,7583	7810175,0708	685,998m	522435,1258	7810131,5825	694,772m
CONCEIÇÃO DO PARÁ - MG	522462,6119	7810185,5711	684,700m	522439,2154	7810142,1699	694,206m
CONCEIÇÃO DO PARÁ - MG	522461,8646	7810194,9787	683,923m	522440,6448	7810147,7532	693,588m
CONCEIÇÃO DO PARÁ - MG	522461,5817	7810198,5413	683,651m	522441,1717	7810149,8112	693,279m
CONCEIÇÃO DO PARÁ - MG	522460,7259	7810205,6666	683,420m	522442,7169	7810161,9703	691,438m
CONCEIÇÃO DO PARÁ - MG	522459,7460	7810213,4991	682,882m	522443,2674	7810167,5620	690,515m
CONCEIÇÃO DO PARÁ - MG	522459,6958	7810214,8543	682,758m	522443,8325	7810173,3028	689,704m
CONCEIÇÃO DO PARÁ - MG	522459,6273	7810216,7019	682,588m	522442,6980	7810183,6936	688,561m
CONCEIÇÃO DO PARÁ - MG	522460,1632	7810218,2011	682,415m	522442,3988	7810187,4606	688,899m
CONCEIÇÃO DO PARÁ - MG	522467,8273	7810224,8815	681,148m	522441,6764	7810196,5562	686,058m
CONCEIÇÃO DO PARÁ - MG	522472,7127	7810229,0037	680,385m	522440,8745	7810203,2328	685,190m
CONCEIÇÃO DO PARÁ - MG	522477,2241	7810232,8103	679,684m	522440,3591	7810207,3519	684,953m
CONCEIÇÃO DO PARÁ - MG	522487,5617	7810242,3949	676,892m	522439,7921	7810211,8843	685,099m
CONCEIÇÃO DO PARÁ - MG	522487,9760	7810242,7789	676,782m	522439,4984	7810219,8082	685,811m
CONCEIÇÃO DO PARÁ - MG	522502,5368	7810253,2867	673,688m	522442,0237	7810226,8734	685,750m
CONCEIÇÃO DO PARÁ - MG	522503,6978	7810254,2025	673,474m	522443,0869	7810229,8479	685,724m
CONCEIÇÃO DO PARÁ - MG	522514,7031	7810262,8841	672,005m	522454,8069	7810240,0635	683,480m
CONCEIÇÃO DO PARÁ - MG	522519,1907	7810266,8406	671,748m	522455,7958	7810240,8980	683,294m
CONCEIÇÃO DO PARÁ - MG	522521,8542	7810269,1888	671,745m	522463,9692	7810247,7945	681,853m
CONCEIÇÃO DO PARÁ - MG	522527,9118	7810274,2959	671,707m	522470,7933	7810254,1214	680,490m
CONCEIÇÃO DO PARÁ - MG	522534,4018	7810278,5186	671,708m	522475,2776	7810258,2791	679,411m
CONCEIÇÃO DO PARÁ - MG	522535,1778	7810278,6243	671,669m	522486,5368	7810266,4043	677,573m
CONCEIÇÃO DO PARÁ - MG	522540,8141	7810279,3923	671,651m	522490,4860	7810269,2542	677,104m
CONCEIÇÃO DO PARÁ - MG	522550,7174	7810279,8134	670,850m	522501,8869	7810278,2478	675,817m
CONCEIÇÃO DO PARÁ - MG	522555,0513	7810280,5695	670,182m	522502,3434	7810278,6503	675,776m
CONCEIÇÃO DO PARÁ - MG	522565,1200	7810282,3261	669,111m	522508,7936	7810284,3371	675,307m
CONCEIÇÃO DO PARÁ - MG	522574,3969	7810285,4201	668,930m	522515,9667	7810290,3847	675,194m
CONCEIÇÃO DO PARÁ - MG	522584,8691	7810288,9127	668,145m	522517,6588	7810291,4856	675,203m
CONCEIÇÃO DO PARÁ - MG	522592,3940	7810293,7779	668,194m	522527,2555	7810297,7297	675,480m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	522603,1713	7810300,7459	668,707m	522535,7280	7810298,8841	675,025m
CONCEIÇÃO DO PARÁ - MG	522608,8892	7810305,0658	668,895m	522539,0354	7810299,3347	675,016m
CONCEIÇÃO DO PARÁ - MG	522618,3474	7810312,2115	667,627m	522548,5648	7810299,7399	675,278m
CONCEIÇÃO DO PARÁ - MG	522622,9963	7810318,9006	667,597m	522555,5828	7810300,9643	675,541m
CONCEIÇÃO DO PARÁ - MG	522625,9434	7810323,1410	668,636m	522560,2102	7810301,7716	675,189m
CONCEIÇÃO DO PARÁ - MG	522632,6914	7810326,0909	668,569m	522574,7268	7810306,6131	674,102m
CONCEIÇÃO DO PARÁ - MG	522640,0962	7810327,0869	666,985m	522576,1379	7810307,0838	673,998m
CONCEIÇÃO DO PARÁ - MG	522648,7521	7810328,2512	665,891m	522591,6841	7810317,1351	673,868m
CONCEIÇÃO DO PARÁ - MG	522659,8535	7810330,1711	666,019m	522591,6985	7810317,1444	673,868m
CONCEIÇÃO DO PARÁ - MG	522665,1673	7810331,0900	666,788m	522603,7453	7810326,2458	674,747m
CONCEIÇÃO DO PARÁ - MG	522679,7642	7810330,5396	665,811m	522606,5329	7810330,2567	675,484m
CONCEIÇÃO DO PARÁ - MG	522682,5670	7810330,4340	665,386m	522612,7488	7810339,2004	676,940m
CONCEIÇÃO DO PARÁ - MG	522693,6391	7810331,9091	664,851m	522621,0945	7810342,8488	677,881m
CONCEIÇÃO DO PARÁ - MG	522699,5601	7810333,0254	665,036m	522627,2479	7810345,5388	678,534m
CONCEIÇÃO DO PARÁ - MG	522699,9735	7810333,1033	665,037m	522640,4137	7810347,3097	678,450m
CONCEIÇÃO DO PARÁ - MG				522645,7139	7810348,0227	677,806m
CONCEIÇÃO DO PARÁ - MG				522660,1516	7810350,5195	674,707m
CONCEIÇÃO DO PARÁ - MG				522663,8254	7810351,1548	674,080m
CONCEIÇÃO DO PARÁ - MG				522680,0855	7810350,5417	672,514m
CONCEIÇÃO DO PARÁ - MG				522681,6163	7810350,4840	672,493m
CONCEIÇÃO DO PARÁ - MG				522690,4635	7810351,6627	672,179m
CONCEIÇÃO DO PARÁ - MG				522699,8411	7810353,4307	671,328m
CONCEIÇÃO DO PARÁ - MG				522706,6509	7810354,7145	671,008m
CONCEIÇÃO DO PARÁ - MG				522717,7911	7810359,6618	670,332m
CONCEIÇÃO DO PARÁ - MG				522718,6146	7810359,9745	670,265m
CONCEIÇÃO DO PARÁ - MG				522734,3812	7810365,9610	669,781m
CONCEIÇÃO DO PARÁ - MG				522734,3812	7810365,9610	669,781m
CONCEIÇÃO DO PARÁ - MG				522737,2440	7810367,2391	669,804m
CONCEIÇÃO DO PARÁ - MG				522749,1703	7810372,5637	669,850m
PARÁ DE MINAS - MG	522699,9735	7810333,1033	665,037m			
PARÁ DE MINAS - MG	522699,9735	7810333,1033	665,037m			
PARÁ DE MINAS - MG	522712,6423	7810335,4917	663,745m			
PARÁ DE MINAS - MG	522718,7540	7810338,2059	663,233m			
PARÁ DE MINAS - MG	522725,4052	7810341,1597	662,623m			
PARÁ DE MINAS - MG	522737,2991	7810345,6758	662,097m			
PARÁ DE MINAS - MG	522742,0139	7810347,4660	662,205m			
PARÁ DE MINAS - MG	522755,6714	7810353,5634	663,074m			
PARÁ DE MINAS - MG	522757,3624	7810354,3184	663,123m			
PARÁ DE MINAS - MG	522774,6611	7810359,8057	661,706m			
PARÁ DE MINAS - MG	522776,5581	7810360,4074	661,743m			
PARÁ DE MINAS - MG	522786,2856	7810360,9965	661,106m			
PARÁ DE MINAS - MG	522794,5340	7810361,5116	660,368m			
PARÁ DE MINAS - MG	522801,0547	7810361,9188	659,193m			
PARÁ DE MINAS - MG	522814,3223	7810359,6120	657,156m	522749,1703	7810372,5637	669,850m
PARÁ DE MINAS - MG	522816,0492	7810359,3118	657,023m	522750,2395	7810373,0410	669,806m
PARÁ DE MINAS - MG	522832,0215	7810359,7470	655,959m	522755,7377	7810374,7851	669,346m
PARÁ DE MINAS - MG	522834,2637	7810360,0947	655,757m	522772,8742	7810380,2210	668,801m
PARÁ DE MINAS - MG	522841,0731	7810361,1505	655,091m	522774,8925	7810380,3432	668,689m
PARÁ DE MINAS - MG	522853,4816	7810365,3789	655,004m	522785,0578	7810380,9588	668,156m
PARÁ DE MINAS - MG	522864,5029	7810369,1347	654,343m	522794,8548	7810381,5706	666,882m
PARÁ DE MINAS - MG	522872,3836	7810371,9139	653,894m	522802,1595	7810382,0268	665,381m
PARÁ DE MINAS - MG	522882,9826	7810375,6517	653,532m	522814,6531	7810379,8546	662,129m
PARÁ DE MINAS - MG	522890,7229	7810379,7561	653,424m	522817,5042	7810379,3588	661,223m
PARÁ DE MINAS - MG	522903,0983	7810386,3183	653,028m	522830,2096	7810379,7051	658,427m
PARÁ DE MINAS - MG	522902,6287	7810392,2923	653,670m	522834,5537	7810380,3786	657,935m
PARÁ DE MINAS - MG	522901,0614	7810412,2308	654,836m	522836,2789	7810380,6461	657,806m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	522900,7301	7810416,4454	655,027m	522853,5574	7810386,5341	656,681m
PARÁ DE MINAS - MG	522904,9172	7810427,6961	655,246m	522857,9513	7810388,0314	656,185m
PARÁ DE MINAS - MG	522906,8969	7810430,9020	655,168m	522872,4350	7810393,1393	655,303m
PARÁ DE MINAS - MG	522911,6697	7810438,6311	654,886m	522874,9276	7810394,0183	655,145m
PARÁ DE MINAS - MG	522916,6578	7810448,3407	654,393m	522886,3202	7810400,0594	654,969m
PARÁ DE MINAS - MG	522921,6465	7810458,0513	654,039m	522888,1476	7810404,1298	655,216m
PARÁ DE MINAS - MG	522929,1742	7810463,1340	653,629m	522890,9321	7810410,3319	655,289m
PARÁ DE MINAS - MG	522935,1055	7810467,1387	653,581m	522894,7530	7810420,9728	655,431m
PARÁ DE MINAS - MG	522943,0509	7810477,2294	653,522m	522895,3417	7810422,7744	655,459m
PARÁ DE MINAS - MG	522948,1224	7810483,6704	653,438m	522900,4229	7810438,3241	655,488m
PARÁ DE MINAS - MG	522955,1775	7810493,1315	653,256m	522901,7284	7810441,7232	655,503m
PARÁ DE MINAS - MG	522960,9318	7810500,8483	653,177m	522908,8988	7810460,3936	656,242m
PARÁ DE MINAS - MG	522967,4285	7810508,9361	653,064m	522909,4492	7810461,8267	656,330m
PARÁ DE MINAS - MG	522979,9535	7810524,5286	653,025m	522918,0802	7810475,5446	655,993m
PARÁ DE MINAS - MG	522981,7481	7810526,7628	653,023m	522919,5689	7810477,2419	655,788m
PARÁ DE MINAS - MG	522991,0615	7810541,1448	652,446m	522932,7569	7810492,2777	654,474m
PARÁ DE MINAS - MG	522993,4994	7810544,9096	652,033m	522934,3509	7810494,0951	654,425m
PARÁ DE MINAS - MG	523000,3234	7810558,8431	650,702m	522944,9632	7810508,1139	654,225m
PARÁ DE MINAS - MG	523001,6338	7810561,5187	650,624m	522946,6581	7810510,3529	654,208m
PARÁ DE MINAS - MG	523008,4098	7810577,1325	650,956m	522957,4836	7810523,7084	654,070m
PARÁ DE MINAS - MG	523008,4114	7810577,1360	650,956m	522967,1007	7810535,5732	653,418m
PARÁ DE MINAS - MG	523008,4114	7810577,1360	650,956m	522969,0997	7810539,8568	653,217m
PARÁ DE MINAS - MG	523012,4781	7810583,9932	651,356m	522975,8944	7810554,4171	653,385m
PARÁ DE MINAS - MG	523019,1559	7810588,8250	651,326m			
PARÁ DE MINAS - MG	523022,8128	7810589,7866	651,192m			
PARÁ DE MINAS - MG	523023,8333	7810590,0549	651,185m			
PARÁ DE MINAS - MG	523034,9773	7810593,0243	651,373m			
PARÁ DE MINAS - MG	523041,6532	7810596,2446	651,188m			
PARÁ DE MINAS - MG	523046,3261	7810598,4987	650,919m			
PARÁ DE MINAS - MG	523058,6533	7810606,7104	650,162m			
PARÁ DE MINAS - MG	523062,6959	7810609,4033	649,982m			
PARÁ DE MINAS - MG	523068,3886	7810614,2163	649,808m			
PARÁ DE MINAS - MG	523012,2150	7810583,5496	651,326m			
PARÁ DE MINAS - MG	523012,4781	7810583,9932	651,356m			
PARÁ DE MINAS - MG	523015,4394	7810586,1359	651,318m			
PARÁ DE MINAS - MG	523051,0617	7810614,7082	651,318m			
CONCEIÇÃO DO PARÁ - MG				522975,8944	7810554,4171	653,385m
CONCEIÇÃO DO PARÁ - MG				522976,0630	7810554,7785	653,397m
CONCEIÇÃO DO PARÁ - MG				522977,6172	7810557,9519	653,480m
CONCEIÇÃO DO PARÁ - MG				522983,4700	7810569,9025	652,931m
CONCEIÇÃO DO PARÁ - MG				522986,1346	7810576,0423	652,706m
CONCEIÇÃO DO PARÁ - MG				522990,5662	7810586,2541	652,608m
CONCEIÇÃO DO PARÁ - MG				522995,0898	7810593,8817	652,920m
CONCEIÇÃO DO PARÁ - MG				522997,3923	7810597,7641	653,405m
CONCEIÇÃO DO PARÁ - MG				523009,9387	7810606,8421	653,363m
CONCEIÇÃO DO PARÁ - MG	523068,3886	7810614,2163	649,808m	523010,4577	7810607,2177	653,365m
CONCEIÇÃO DO PARÁ - MG	523074,2594	7810619,1800	649,763m	523018,7155	7810609,3891	653,151m
CONCEIÇÃO DO PARÁ - MG	523076,7123	7810621,2539	649,736m	523027,9957	7810611,8618	652,655m
CONCEIÇÃO DO PARÁ - MG	523086,6629	7810631,1263	649,708m	523029,0917	7810612,3905	652,605m
CONCEIÇÃO DO PARÁ - MG	523088,1187	7810633,4838	649,671m	523036,3901	7810615,9111	652,183m
CONCEIÇÃO DO PARÁ - MG	523094,1357	7810643,2278	649,697m	523046,2913	7810622,5067	651,685m
CONCEIÇÃO DO PARÁ - MG	523096,7004	7810651,3819	649,910m	523050,6563	7810625,4144	651,405m
CONCEIÇÃO DO PARÁ - MG	523097,2224	7810653,0414	649,922m	523061,9239	7810634,9410	651,533m
CONCEIÇÃO DO PARÁ - MG	523098,3915	7810671,2643	650,507m	523063,1913	7810636,0125	651,563m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	523098,4065	7810671,4986	650,540m	523070,8924	7810643,6532	651,380m
CONCEIÇÃO DO PARÁ - MG	523097,5592	7810686,3128	652,776m	523074,8288	7810650,0277	651,208m
CONCEIÇÃO DO PARÁ - MG	523097,9958	7810691,2202	653,179m	523075,8065	7810651,6111	651,460m
CONCEIÇÃO DO PARÁ - MG	523098,2779	7810694,3903	653,469m	523077,4183	7810656,7353	652,648m
CONCEIÇÃO DO PARÁ - MG	523099,1238	7810697,7232	653,605m	523078,2357	7810669,4765	655,338m
CONCEIÇÃO DO PARÁ - MG	523101,4779	7810701,1825	653,290m	523078,3698	7810671,5681	655,455m
CONCEIÇÃO DO PARÁ - MG	523107,4143	7810708,2037	651,918m	523077,5084	7810686,6296	655,916m
CONCEIÇÃO DO PARÁ - MG	523111,7708	7810713,3563	650,934m	523077,7582	7810689,4365	655,903m
CONCEIÇÃO DO PARÁ - MG	523119,8837	7810723,8354	650,331m	523078,4985	7810697,7579	656,530m
CONCEIÇÃO DO PARÁ - MG	523120,6132	7810724,7776	650,305m	523080,6057	7810706,0606	657,839m
CONCEIÇÃO DO PARÁ - MG	523125,5069	7810730,8179	650,038m	523082,3384	7810708,6067	657,905m
CONCEIÇÃO DO PARÁ - MG	523127,3292	7810737,4946	651,684m	523085,5310	7810713,2980	658,103m
CONCEIÇÃO DO PARÁ - MG	523128,4601	7810741,4497	652,465m	523094,7802	7810724,2374	658,415m
CONCEIÇÃO DO PARÁ - MG	523128,6785	7810742,2135	652,602m	523096,2201	7810725,9404	658,420m
CONCEIÇÃO DO PARÁ - MG	523129,8214	7810747,3393	653,253m	523104,9341	7810737,1958	658,548m
CONCEIÇÃO DO PARÁ - MG	523131,7174	7810755,8643	652,244m	523107,1596	7810739,9429	658,407m
CONCEIÇÃO DO PARÁ - MG	523132,0072	7810761,0768	651,490m	523107,3198	7810740,1406	658,395m
CONCEIÇÃO DO PARÁ - MG	523132,8287	7810775,8521	650,739m	523108,0667	7810742,8770	658,401m
CONCEIÇÃO DO PARÁ - MG	523133,2540	7810781,0366	650,091m	523109,2866	7810747,1433	658,253m
CONCEIÇÃO DO PARÁ - MG	523133,9724	7810789,7939	648,668m	523110,3008	7810751,6919	658,305m
CONCEIÇÃO DO PARÁ - MG	523132,6719	7810800,9315	648,809m	523111,8390	7810758,6086	658,524m
CONCEIÇÃO DO PARÁ - MG	523132,4221	7810803,0711	648,797m	523111,8793	7810759,3333	658,572m
CONCEIÇÃO DO PARÁ - MG	523132,4221	7810814,4273	648,376m	523112,8742	7810777,2251	658,460m
CONCEIÇÃO DO PARÁ - MG	523132,2375	7810820,9144	648,297m	523113,0443	7810779,2987	658,189m
CONCEIÇÃO DO PARÁ - MG	523131,8743	7810833,6765	648,597m	523113,8769	7810789,4484	656,291m
CONCEIÇÃO DO PARÁ - MG	523131,4801	7810840,8985	648,518m	523112,7384	7810799,1983	654,950m
CONCEIÇÃO DO PARÁ - MG	523130,5963	7810857,0869	648,164m	523112,4221	7810801,9074	654,857m
CONCEIÇÃO DO PARÁ - MG	523130,6706	7810860,8736	648,036m	523112,4221	7810814,1427	653,940m
CONCEIÇÃO DO PARÁ - MG	523131,0186	7810878,6058	648,013m	523112,2788	7810819,1779	653,859m
CONCEIÇÃO DO PARÁ - MG	523131,0815	7810880,8693	647,920m	523111,8898	7810832,8468	653,635m
CONCEIÇÃO DO PARÁ - MG	523131,4419	7810893,8310	647,480m	523111,5450	7810839,1630	653,407m
CONCEIÇÃO DO PARÁ - MG	523131,9385	7810900,8468	647,546m	523110,5856	7810856,7375	653,047m
CONCEIÇÃO DO PARÁ - MG	523132,6640	7810911,0958	647,555m	523110,6327	7810859,1363	652,959m
CONCEIÇÃO DO PARÁ - MG	523135,1065	7810920,5094	647,192m	523111,0240	7810879,0799	652,718m
CONCEIÇÃO DO PARÁ - MG	523136,3423	7810925,2724	646,870m	523111,0255	7810879,1325	652,719m
CONCEIÇÃO DO PARÁ - MG	523139,4944	7810939,4455	646,227m	523111,4616	7810894,8155	653,071m
CONCEIÇÃO DO PARÁ - MG	523139,7133	7810939,9609	646,174m	523111,7660	7810899,1157	652,928m
CONCEIÇÃO DO PARÁ - MG	523146,6018	7810956,1853	645,441m	523112,8437	7810914,3405	651,884m
CONCEIÇÃO DO PARÁ - MG	523147,8157	7810958,2252	645,380m	523114,0334	7810918,9257	651,556m
CONCEIÇÃO DO PARÁ - MG	523158,0432	7810975,4124	645,883m	523116,8954	7810929,9563	651,292m
CONCEIÇÃO DO PARÁ - MG	523158,8141	7810976,7078	645,701m	523118,7633	7810938,3553	651,676m
CONCEIÇÃO DO PARÁ - MG	523165,6085	7810993,9069	644,997m	523120,3691	7810945,5756	653,927m
CONCEIÇÃO DO PARÁ - MG	523167,2301	7810998,0116	645,171m	523125,2946	7810957,1765	653,940m
CONCEIÇÃO DO PARÁ - MG	523174,2087	7811011,9487	646,351m	523128,7218	7810965,2486	652,512m
CONCEIÇÃO DO PARÁ - MG	523177,0350	7811017,5933	646,549m	523134,4648	7810974,8996	650,876m
CONCEIÇÃO DO PARÁ - MG	523181,9921	7811030,3514	647,399m	523140,8041	7810985,5527	650,211m
CONCEIÇÃO DO PARÁ - MG	523184,2164	7811036,0762	647,730m	523143,5978	7810992,6243	649,781m
CONCEIÇÃO DO PARÁ - MG	523190,1120	7811048,6179	648,767m	523148,9525	7811006,1789	650,212m
CONCEIÇÃO DO PARÁ - MG	523190,5093	7811049,4633	648,853m	523151,3819	7811011,0307	650,150m
CONCEIÇÃO DO PARÁ - MG	523197,7742	7811060,9569	649,748m	523158,7321	7811025,7100	650,177m
CONCEIÇÃO DO PARÁ - MG	523201,0138	7811065,3629	650,126m	523160,0299	7811029,0501	650,221m
CONCEIÇÃO DO PARÁ - MG	523205,2192	7811071,0823	650,673m	523165,8236	7811043,9614	651,192m
CONCEIÇÃO DO PARÁ - MG	523210,6792	7811077,8548	651,316m	523167,5264	7811047,5838	651,331m
CONCEIÇÃO DO PARÁ - MG	523213,9488	7811080,4936	651,611m	523172,9386	7811059,0975	651,939m
CONCEIÇÃO DO PARÁ - MG	523216,0809	7811082,2144	651,803m	523176,8270	7811065,2493	652,280m
CONCEIÇÃO DO PARÁ - MG	523222,6734	7811089,5106	652,514m	523181,2442	7811072,2376	652,414m
CONCEIÇÃO DO PARÁ - MG	523227,8601	7811094,8261	653,364m	523188,1945	7811081,6902	652,977m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
CONCEIÇÃO DO PARÁ - MG	523238,9655	7811106,2073	655,717m	523189,3696	7811083,2885	653,147m
CONCEIÇÃO DO PARÁ - MG	523242,2051	7811108,7176	656,259m	523196,4525	7811092,0740	653,772m
CONCEIÇÃO DO PARÁ - MG	523248,5391	7811113,6258	657,202m	523201,6905	7811096,3014	653,980m
CONCEIÇÃO DO PARÁ - MG	523254,6528	7811117,2285	657,862m	523202,2959	7811096,7900	654,014m
CONCEIÇÃO DO PARÁ - MG	523259,5072	7811117,8224	657,867m	523208,0909	7811103,2037	654,869m
CONCEIÇÃO DO PARÁ - MG	523263,1065	7811118,2628	657,852m	523215,4785	7811110,7747	656,200m
CONCEIÇÃO DO PARÁ - MG	523276,0982	7811119,5829	657,569m	523225,6193	7811121,1672	658,209m
CONCEIÇÃO DO PARÁ - MG	523279,3700	7811120,1179	657,507m	523229,9507	7811124,5236	659,068m
CONCEIÇÃO DO PARÁ - MG	523289,4697	7811121,7693	657,158m	523237,2919	7811130,2123	660,378m
CONCEIÇÃO DO PARÁ - MG	523298,4893	7811125,5144	657,378m	523246,5213	7811135,6510	662,059m
CONCEIÇÃO DO PARÁ - MG	523316,9603	7811133,1839	656,867m	523248,0884	7811136,5744	662,278m
CONCEIÇÃO DO PARÁ - MG	523317,1023	7811133,2429	656,858m	523260,8809	7811138,1396	663,006m
CONCEIÇÃO DO PARÁ - MG	523332,0731	7811146,2717	657,050m	523266,1470	7811138,6747	663,523m
CONCEIÇÃO DO PARÁ - MG	523335,2997	7811149,0797	656,890m	523273,4712	7811139,4190	664,003m
CONCEIÇÃO DO PARÁ - MG	523345,6713	7811156,8523	655,910m	523283,9476	7811141,1320	663,327m
CONCEIÇÃO DO PARÁ - MG	523348,0573	7811158,2430	655,579m	523285,8155	7811141,9076	663,373m
CONCEIÇÃO DO PARÁ - MG	523353,7671	7811161,5710	654,840m	523304,2865	7811149,5771	662,927m
CONCEIÇÃO DO PARÁ - MG	523361,3935	7811172,5783	656,213m	523306,4274	7811150,4660	662,821m
CONCEIÇÃO DO PARÁ - MG	523364,4198	7811176,9461	656,852m	523319,7655	7811162,0739	662,727m
CONCEIÇÃO DO PARÁ - MG	523373,0838	7811184,9522	657,786m	523322,7211	7811164,6461	662,113m
CONCEIÇÃO DO PARÁ - MG	523375,0091	7811187,1069	658,042m	523334,6018	7811173,5496	660,753m
CONCEIÇÃO DO PARÁ - MG	523378,0585	7811190,5195	658,043m	523335,6690	7811174,1716	660,723m
CONCEIÇÃO DO PARÁ - MG	523385,4200	7811195,6118	657,835m	523339,8575	7811176,6130	660,699m
CONCEIÇÃO DO PARÁ - MG	523390,8817	7811199,0847	660,306m	523348,4868	7811189,0676	662,219m
CONCEIÇÃO DO PARÁ - MG	523391,0778	7811199,2094	660,425m	523349,2320	7811190,1431	662,330m
CONCEIÇÃO DO PARÁ - MG	523398,0830	7811200,9593	662,246m	523358,8077	7811198,9918	662,621m
CONCEIÇÃO DO PARÁ - MG	523406,6384	7811201,2819	661,668m	523362,5746	7811203,2074	662,899m
CONCEIÇÃO DO PARÁ - MG	523410,3844	7811199,9208	660,321m	523364,7273	7811205,6165	663,165m
CONCEIÇÃO DO PARÁ - MG	523414,5711	7811198,3996	658,893m	523374,3610	7811212,2806	664,793m
CONCEIÇÃO DO PARÁ - MG	523427,3593	7811194,3106	658,659m	523378,6268	7811214,9931	666,265m
CONCEIÇÃO DO PARÁ - MG	523429,4766	7811194,4068	659,589m	523383,0836	7811217,8270	668,148m
CONCEIÇÃO DO PARÁ - MG	523444,9563	7811195,1098	665,138m	523395,2524	7811220,8668	670,147m
CONCEIÇÃO DO PARÁ - MG	523449,2194	7811196,5644	666,134m	523397,4267	7811220,9488	670,217m
CONCEIÇÃO DO PARÁ - MG	523455,6386	7811198,7546	667,006m	523409,7928	7811221,4151	671,979m
CONCEIÇÃO DO PARÁ - MG	523467,7445	7811204,0600	668,294m	523416,9595	7811218,8111	671,777m
CONCEIÇÃO DO PARÁ - MG	523469,1388	7811204,6710	668,395m	523421,0341	7811217,3305	671,210m
CONCEIÇÃO DO PARÁ - MG	523475,7273	7811208,8426	669,172m	523430,0345	7811214,4527	669,475m
CONCEIÇÃO DO PARÁ - MG	523481,8042	7811210,6417	669,454m	523436,2435	7811214,7347	669,919m
CONCEIÇÃO DO PARÁ - MG	523486,1105	7811210,0865	669,269m	523441,1985	7811214,9598	670,238m
CONCEIÇÃO DO PARÁ - MG	523488,6230	7811209,7626	669,202m	523448,3827	7811217,4110	671,622m
CONCEIÇÃO DO PARÁ - MG	523499,8869	7811203,4488	667,803m	523455,2053	7811220,4010	672,341m
CONCEIÇÃO DO PARÁ - MG	523502,9822	7811200,1085	667,465m	523459,7215	7811222,3802	672,581m
CONCEIÇÃO DO PARÁ - MG	523508,2065	7811194,4707	667,859m	523467,3804	7811227,2295	673,427m
CONCEIÇÃO DO PARÁ - MG	523514,5741	7811189,7340	668,086m	523473,1375	7811228,9340	673,564m
CONCEIÇÃO DO PARÁ - MG	523518,1166	7811187,1622	667,958m	523480,1746	7811231,0174	673,401m
CONCEIÇÃO DO PARÁ - MG	523528,6388	7811179,5232	667,656m	523492,7317	7811229,3984	672,548m
CONCEIÇÃO DO PARÁ - MG	523534,3727	7811175,5126	667,678m	523495,0227	7811229,1030	672,457m
CONCEIÇÃO DO PARÁ - MG	523538,8290	7811172,3957	667,419m	523510,4538	7811220,4534	671,782m
CONCEIÇÃO DO PARÁ - MG	523549,9362	7811162,9789	666,397m	523512,4149	7811219,3541	671,774m
CONCEIÇÃO DO PARÁ - MG	523550,9262	7811162,1395	666,318m	523521,5684	7811209,4761	671,352m
CONCEIÇÃO DO PARÁ - MG	523567,6565	7811153,7810	665,220m	523525,0266	7811206,9462	671,186m
CONCEIÇÃO DO PARÁ - MG	523514,5741	7811189,7340	668,086m	523527,9999	7811204,7711	671,005m
PARÁ DE MINAS - MG	523514,5741	7811189,7340	668,086m			
PARÁ DE MINAS - MG	523518,1166	7811187,1622	667,958m			
PARÁ DE MINAS - MG	523528,6388	7811179,5232	667,656m			
PARÁ DE MINAS - MG	523534,3727	7811175,5126	667,678m			

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	523538,8290	7811172,3957	667,419m			
PARÁ DE MINAS - MG	523549,9362	7811162,9789	666,397m			
PARÁ DE MINAS - MG	523550,9262	7811162,1395	666,318m			
PARÁ DE MINAS - MG	523567,6565	7811153,7810	665,220m			
PARÁ DE MINAS - MG	523583,0897	7811146,0705	662,772m	523527,9999	7811204,7711	671,005m
PARÁ DE MINAS - MG	523585,6322	7811145,0283	662,652m	523540,2760	7811195,7903	669,572m
PARÁ DE MINAS - MG	523604,1377	7811137,4423	662,351m	523541,1820	7811195,1566	669,498m
PARÁ DE MINAS - MG	523610,5725	7811134,8045	661,160m	523551,0537	7811188,2519	668,681m
PARÁ DE MINAS - MG	523622,5116	7811129,5467	658,562m	523557,1201	7811183,1088	668,139m
PARÁ DE MINAS - MG	523640,8153	7811121,4861	660,928m	523562,0212	7811178,9536	668,004m
PARÁ DE MINAS - MG	523651,9942	7811116,5631	661,482m	523574,1646	7811172,8867	667,025m
PARÁ DE MINAS - MG	523659,3341	7811113,9680	661,712m	523591,3634	7811164,2941	664,567m
PARÁ DE MINAS - MG	523675,2828	7811108,3291	662,602m	523592,0797	7811164,0004	664,473m
PARÁ DE MINAS - MG	523678,2125	7811107,3666	662,815m	523610,5852	7811156,4145	663,012m
PARÁ DE MINAS - MG	523697,2135	7811101,1247	664,562m	523618,3971	7811153,2121	661,112m
PARÁ DE MINAS - MG	523701,0088	7811099,8779	665,041m	523628,9741	7811148,5542	659,889m
PARÁ DE MINAS - MG	523716,1938	7811094,8202	668,326m	523647,2778	7811140,4936	660,979m
PARÁ DE MINAS - MG	523722,3410	7811092,7728	668,825m	523659,3683	7811135,1692	663,131m
PARÁ DE MINAS - MG	523735,3976	7811089,2603	670,173m	523665,7691	7811132,9061	663,475m
PARÁ DE MINAS - MG	523740,6999	7811087,8339	670,801m	523681,7380	7811127,2600	664,710m
PARÁ DE MINAS - MG	523754,5537	7811083,5222	673,635m	523684,6474	7811126,3043	665,004m
PARÁ DE MINAS - MG	523763,6582	7811080,6887	674,820m	523703,6484	7811120,0623	667,442m
PARÁ DE MINAS - MG	523774,1072	7811081,2608	676,860m	523707,2899	7811118,8661	668,095m
PARÁ DE MINAS - MG	523791,2055	7811082,1969	679,184m	523722,6285	7811113,7572	670,573m
PARÁ DE MINAS - MG	523794,0732	7811082,4173	679,564m	523728,1038	7811111,9336	671,189m
PARÁ DE MINAS - MG	523814,0144	7811083,9500	682,047m	523741,8442	7811108,2371	673,198m
PARÁ DE MINAS - MG	523818,6669	7811084,3076	682,250m	523746,2715	7811107,0461	674,352m
PARÁ DE MINAS - MG	523833,9652	7811085,3499	684,329m	523760,9904	7811102,4652	677,638m
PARÁ DE MINAS - MG	523835,9415	7811085,4845	684,819m	523766,1619	7811100,8557	678,389m
PARÁ DE MINAS - MG	523852,2635	7811093,1186	687,774m	523780,7240	7811101,6530	680,607m
PARÁ DE MINAS - MG	523854,6389	7811094,2295	688,229m	523789,8923	7811102,1550	681,889m
PARÁ DE MINAS - MG	523869,0831	7811103,0300	689,972m	523800,6784	7811102,9840	683,142m
PARÁ DE MINAS - MG	523869,5011	7811103,2308	690,016m	523817,2208	7811104,2555	685,007m
PARÁ DE MINAS - MG	523886,2563	7811111,2798	691,478m	523820,6217	7811104,4872	685,244m
PARÁ DE MINAS - MG	523887,6026	7811111,7046	691,601m	523830,8535	7811105,1843	685,785m
PARÁ DE MINAS - MG	523906,6756	7811117,7229	692,827m	523839,6803	7811109,3127	686,293m
PARÁ DE MINAS - MG	523911,7298	7811119,3177	692,941m	523845,1707	7811111,8806	686,771m
PARÁ DE MINAS - MG	523926,1583	7811122,1308	692,046m	523857,0741	7811119,1330	687,576m
PARÁ DE MINAS - MG	523940,7156	7811124,9690	691,995m	523859,5263	7811120,6271	687,762m
PARÁ DE MINAS - MG	523945,5825	7811126,7090	692,434m	523874,9657	7811128,0440	688,429m
PARÁ DE MINAS - MG	523964,4151	7811133,4421	696,541m	523878,8798	7811129,9243	688,562m
PARÁ DE MINAS - MG	523969,5579	7811135,2808	697,554m	523893,8118	7811134,6359	689,566m
PARÁ DE MINAS - MG	523983,4471	7811139,5764	699,376m	523906,7913	7811138,7315	690,256m
PARÁ DE MINAS - MG	523998,1445	7811144,1220	700,572m	523913,0628	7811139,9542	690,173m
PARÁ DE MINAS - MG	524002,7173	7811144,7502	700,949m	523932,6932	7811143,7815	690,471m
PARÁ DE MINAS - MG	524022,5312	7811147,4725	702,558m	523935,4053	7811144,3102	690,766m
PARÁ DE MINAS - MG	524025,2319	7811147,8435	702,759m	523951,6360	7811150,1131	692,791m
PARÁ DE MINAS - MG	524042,4475	7811149,2622	704,055m	523963,2337	7811154,2595	694,665m
PARÁ DE MINAS - MG	524058,1234	7811150,5541	705,266m	523970,5740	7811156,5297	695,831m
PARÁ DE MINAS - MG	524062,3656	7811150,0596	705,667m	523989,6811	7811162,4391	697,793m
PARÁ DE MINAS - MG	524082,2311	7811147,7438	706,702m	523993,7997	7811163,7129	698,066m
PARÁ DE MINAS - MG	524099,6147	7811145,7173	707,273m	524009,3426	7811165,8484	699,467m
PARÁ DE MINAS - MG	524102,1072	7811145,5419	707,362m	524023,0479	7811167,7313	700,746m
PARÁ DE MINAS - MG	524122,0579	7811144,1380	708,014m	524029,1930	7811168,2378	701,401m
PARÁ DE MINAS - MG	524142,0085	7811142,7342	708,018m	524049,1255	7811169,8804	703,063m
PARÁ DE MINAS - MG	524149,4395	7811142,2113	708,008m	524058,4633	7811170,6499	703,661m
PARÁ DE MINAS - MG	524161,8479	7811140,3267	709,227m	524069,0223	7811169,4190	704,425m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	524181,6211	7811137,3236	710,358m	524088,8878	7811167,1032	705,625m
PARÁ DE MINAS - MG	524193,5368	7811135,5138	710,952m	524101,4756	7811165,6358	706,203m
PARÁ DE MINAS - MG	524201,4732	7811135,0920	711,521m	524108,7845	7811165,1215	706,399m
PARÁ DE MINAS - MG	524221,4451	7811134,0305	713,031m	524128,7351	7811163,7176	706,974m
PARÁ DE MINAS - MG	524226,7048	7811133,7509	713,250m	524148,6858	7811162,3138	707,808m
PARÁ DE MINAS - MG	524241,3005	7811131,7452	714,231m	524151,6466	7811162,1054	707,954m
PARÁ DE MINAS - MG	524261,1142	7811129,0223	715,753m	524167,6619	7811156,3093	709,012m
PARÁ DE MINAS - MG	524265,2083	7811128,4597	716,406m	524177,6282	7811152,7024	709,794m
PARÁ DE MINAS - MG	524281,0758	7811128,4597	718,596m	524186,9882	7811151,8240	710,366m
PARÁ DE MINAS - MG	524297,8004	7811128,4597	719,811m	524206,9007	7811149,9552	711,302m
PARÁ DE MINAS - MG	524301,0377	7811127,9620	720,051m	524222,2139	7811148,5181	712,359m
PARÁ DE MINAS - MG	524320,8055	7811124,9232	721,809m	524226,8170	7811148,1298	712,690m
PARÁ DE MINAS - MG	524333,5802	7811122,9595	722,501m	524246,7462	7811146,4485	714,121m
PARÁ DE MINAS - MG	524340,5549	7811121,7710	722,844m	524265,9784	7811144,8261	715,508m
PARÁ DE MINAS - MG	524360,2707	7811118,4113	724,031m	524266,6764	7811144,7803	715,563m
PARÁ DE MINAS - MG	524364,0040	7811117,7752	724,338m	524286,6335	7811143,4713	717,201m
PARÁ DE MINAS - MG	524364,0096	7811117,7742	724,338m	524300,2588	7811142,5776	718,449m
PARÁ DE MINAS - MG	524364,0152	7811117,7731	724,339m	524306,5348	7811141,6411	719,016m
PARÁ DE MINAS - MG	524371,2429	7811116,3714	724,524m	524326,3158	7811138,6896	720,551m
PARÁ DE MINAS - MG	524371,2852	7811116,3613	724,526m	524330,9622	7811137,9963	720,887m
PARÁ DE MINAS - MG	524371,3265	7811116,3475	724,528m	524346,2348	7811137,0453	722,054m
PARÁ DE MINAS - MG	524379,4996	7811113,2170	725,050m	524366,1961	7811135,8023	723,593m
PARÁ DE MINAS - MG	524398,1764	7811106,0632	725,962m	524378,3631	7811135,0447	724,006m
PARÁ DE MINAS - MG	524398,4551	7811105,9564	725,963m	524378,4382	7811135,0342	724,006m
PARÁ DE MINAS - MG	524416,5659	7811098,2008	726,265m	524378,5109	7811135,0126	724,006m
PARÁ DE MINAS - MG	524434,9511	7811090,3277	726,923m	524385,6619	7811132,2735	724,045m
PARÁ DE MINAS - MG	524453,3362	7811082,4546	726,984m	524404,3387	7811125,1198	724,116m
PARÁ DE MINAS - MG	524459,0513	7811080,0072	727,075m	524405,9714	7811124,4944	724,133m
PARÁ DE MINAS - MG	524472,0624	7811075,4597	728,177m	524422,9165	7811117,7132	724,559m
PARÁ DE MINAS - MG	524490,9425	7811068,8609	729,365m	524441,4849	7811110,2824	725,336m
PARÁ DE MINAS - MG	524509,8226	7811062,2622	730,013m	524460,0532	7811102,8516	726,258m
PARÁ DE MINAS - MG	524528,7026	7811055,6634	730,232m	524467,1557	7811100,0093	726,747m
PARÁ DE MINAS - MG	524545,6145	7811049,7526	730,832m	524478,8016	7811095,8992	727,132m
PARÁ DE MINAS - MG	524547,6188	7811049,1784	730,968m	524497,6615	7811089,2431	728,118m
PARÁ DE MINAS - MG	524566,8453	7811043,6700	732,000m	524516,5215	7811082,5871	728,718m
PARÁ DE MINAS - MG	524586,0718	7811038,1617	732,000m	524535,3814	7811075,9310	728,940m
PARÁ DE MINAS - MG	524605,2983	7811032,6533	730,944m	524554,2413	7811069,2750	730,397m
PARÁ DE MINAS - MG	524624,5248	7811027,1450	728,241m	524558,0146	7811067,9434	730,863m
PARÁ DE MINAS - MG	524634,2670	7811024,3539	726,617m	524573,3471	7811063,3748	732,000m
PARÁ DE MINAS - MG	524643,7170	7811021,5197	725,085m	524592,5143	7811057,6636	732,000m
PARÁ DE MINAS - MG	524662,8739	7811015,7742	722,004m	524611,6815	7811051,9525	730,724m
PARÁ DE MINAS - MG	524682,0309	7811010,0287	719,562m	524630,8488	7811046,2413	727,859m
PARÁ DE MINAS - MG	524701,1879	7811004,2833	717,790m	524639,9953	7811043,5160	726,290m
PARÁ DE MINAS - MG	524701,7020	7811004,1291	717,739m	524650,0106	7811040,5122	724,551m
PARÁ DE MINAS - MG	524720,6129	7810999,5252	716,367m	524669,1676	7811034,7668	721,316m
PARÁ DE MINAS - MG	524740,0453	7810994,7944	713,748m	524688,3246	7811029,0213	718,450m
PARÁ DE MINAS - MG	524759,4778	7810990,0635	710,408m	524706,2615	7811023,6417	715,900m
PARÁ DE MINAS - MG	524764,5721	7810988,8233	709,348m	524707,5174	7811023,4291	715,663m
PARÁ DE MINAS - MG	524778,4400	7810983,7787	707,933m	524727,2367	7811020,0903	711,557m
PARÁ DE MINAS - MG	524797,2351	7810976,9418	707,412m	524745,1045	7811017,0650	708,848m
PARÁ DE MINAS - MG	524816,0302	7810970,1049	705,637m	524746,8700	7811016,4251	708,718m
PARÁ DE MINAS - MG	524830,4459	7810964,8611	703,975m	524765,6731	7811009,6101	706,855m
PARÁ DE MINAS - MG	524834,8031	7810963,2082	703,711m	524784,4762	7811002,7952	705,470m
PARÁ DE MINAS - MG	524853,5029	7810956,1148	703,776m	524803,2793	7810995,9802	705,091m
PARÁ DE MINAS - MG	524872,2027	7810949,0213	705,849m	524822,0824	7810989,1652	703,527m
PARÁ DE MINAS - MG	524890,9025	7810941,9278	707,394m	524837,4114	7810983,6095	702,066m
PARÁ DE MINAS - MG	524894,9686	7810940,3854	707,393m	524840,8664	7810982,2988	701,834m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	524901,6428	7810936,5889	707,477m	524859,5662	7810975,2054	702,398m
PARÁ DE MINAS - MG	524907,8582	7810931,5955	707,571m	524878,2660	7810968,1119	703,685m
PARÁ DE MINAS - MG	524914,4842	7810926,2724	707,690m	524896,9658	7810961,0184	704,422m
PARÁ DE MINAS - MG	524923,2039	7810918,7736	707,349m	524903,5108	7810958,5357	704,448m
PARÁ DE MINAS - MG	524938,3676	7810905,7329	705,440m	524912,9219	7810953,1822	704,445m
PARÁ DE MINAS - MG	524953,5314	7810892,6922	702,751m	524914,6157	7810951,8214	704,456m
PARÁ DE MINAS - MG	524968,6952	7810879,6515	702,313m	524927,2711	7810941,6544	704,281m
PARÁ DE MINAS - MG	524983,8590	7810866,6109	702,236m	524930,1268	7810939,1985	704,181m
PARÁ DE MINAS - MG	524999,0228	7810853,5702	705,023m	524945,2906	7810926,1579	703,060m
PARÁ DE MINAS - MG	525014,1866	7810840,5295	706,603m	524960,4544	7810913,1172	699,928m
PARÁ DE MINAS - MG	525018,5558	7810836,7720	707,084m	524975,6182	7810900,0765	699,227m
PARÁ DE MINAS - MG	525029,0423	7810827,1421	707,984m	524990,7820	7810887,0358	698,079m
PARÁ DE MINAS - MG	525043,7732	7810813,6144	709,148m	525005,9458	7810873,9951	699,756m
PARÁ DE MINAS - MG	525057,5685	7810800,9459	710,080m	525021,1096	7810860,9544	701,250m
PARÁ DE MINAS - MG	525058,4954	7810800,0772	710,135m	525031,8436	7810851,7233	702,626m
PARÁ DE MINAS - MG	525073,0889	7810786,4014	711,256m	525036,1469	7810847,7715	703,141m
PARÁ DE MINAS - MG	525087,6825	7810772,7255	712,366m	525050,8779	7810834,2438	704,785m
PARÁ DE MINAS - MG	525102,2760	7810759,0496	712,535m	525065,6088	7810820,7160	705,777m
PARÁ DE MINAS - MG	525110,1049	7810751,7130	712,512m	525071,1706	7810815,6085	706,051m
PARÁ DE MINAS - MG	525115,9111	7810744,4857	712,768m	525080,2542	7810807,0961	706,659m
PARÁ DE MINAS - MG	525124,6904	7810733,5574	712,679m	525094,8477	7810793,4202	707,288m
PARÁ DE MINAS - MG	525127,9992	7810728,5738	712,843m	525109,4412	7810779,7444	707,734m
PARÁ DE MINAS - MG	525139,0617	7810711,9118	713,251m	525124,0348	7810766,0685	707,261m
PARÁ DE MINAS - MG	525146,7073	7810700,3962	713,024m	525124,8118	7810765,3403	707,236m
PARÁ DE MINAS - MG	525150,6248	7810695,6199	712,713m	525136,6707	7810750,5787	707,784m
PARÁ DE MINAS - MG	525163,3082	7810680,1560	712,141m	525140,8505	7810745,3758	707,735m
PARÁ DE MINAS - MG	525175,9916	7810664,6922	711,894m	525148,2215	7810734,2739	707,672m
PARÁ DE MINAS - MG	525182,5579	7810656,6863	712,507m	525159,2840	7810717,6119	707,522m
PARÁ DE MINAS - MG	525187,9219	7810648,6696	714,292m	525162,8112	7810712,2993	707,681m
PARÁ DE MINAS - MG	525197,5194	7810634,3256	713,225m	525171,4505	7810701,7660	707,068m
PARÁ DE MINAS - MG	525198,4415	7810631,7440	713,142m	525184,1339	7810686,3021	706,008m
PARÁ DE MINAS - MG	525202,1256	7810621,4304	713,921m	525196,8173	7810670,8383	705,963m
PARÁ DE MINAS - MG	525205,4766	7810613,0256	714,793m	525198,6391	7810668,6172	705,894m
PARÁ DE MINAS - MG	525212,8838	7810594,4479	715,502m	525208,1635	7810654,3823	706,715m
PARÁ DE MINAS - MG	525219,4190	7810578,0568	717,917m	525215,5201	7810643,3875	707,885m
PARÁ DE MINAS - MG	525220,2522	7810575,8550	718,208m	525217,7978	7810637,0110	708,256m
PARÁ DE MINAS - MG	525227,3310	7810557,1497	717,540m	525220,8379	7810628,5002	708,109m
PARÁ DE MINAS - MG	525234,4097	7810538,4443	717,663m	525224,8979	7810618,3172	708,504m
PARÁ DE MINAS - MG	525241,1206	7810520,7109	715,974m	525232,3050	7810599,7394	710,488m
PARÁ DE MINAS - MG	525241,5587	7810519,7684	715,849m	525238,0621	7810585,3003	712,129m
PARÁ DE MINAS - MG	525249,9885	7810501,6318	714,326m	525239,6390	7810581,1332	712,438m
PARÁ DE MINAS - MG	525254,6036	7810491,7024	713,673m	525246,7178	7810562,4278	710,778m
PARÁ DE MINAS - MG	525258,7720	7810483,6690	712,816m	525253,7965	7810543,7224	711,549m
PARÁ DE MINAS - MG	525261,5795	7810478,2581	712,415m	525259,5664	7810528,4756	712,033m
PARÁ DE MINAS - MG	525269,7022	7810466,9733	711,807m	525261,1250	7810525,1222	711,994m
PARÁ DE MINAS - MG	525275,8234	7810458,4691	711,932m	525269,5549	7810506,9856	710,341m
PARÁ DE MINAS - MG	525283,7278	7810453,1599	711,249m	525272,5567	7810500,5271	709,900m
PARÁ DE MINAS - MG	525288,8068	7810449,7485	711,011m	525278,4879	7810489,0963	708,753m
PARÁ DE MINAS - MG	525302,5882	7810448,0837	709,557m	525278,6619	7810488,7609	708,750m
PARÁ DE MINAS - MG	525307,2522	7810447,5203	709,458m	525289,9571	7810473,0686	708,410m
PARÁ DE MINAS - MG	525322,0548	7810451,3980	709,233m	525290,1957	7810472,9083	708,398m
PARÁ DE MINAS - MG	525327,2097	7810452,7484	709,292m	525295,9723	7810469,0283	708,420m
PARÁ DE MINAS - MG	525338,6281	7810461,9606	708,849m	525305,8690	7810467,8328	707,977m
PARÁ DE MINAS - MG	525346,1264	7810468,0101	707,909m	525308,8414	7810468,6115	707,884m
PARÁ DE MINAS - MG	525353,7184	7810475,0676	706,332m	525317,9909	7810471,0083	707,951m
PARÁ DE MINAS - MG	525360,9756	7810481,8140	704,922m	525326,1954	7810477,6275	707,487m
PARÁ DE MINAS - MG	525365,7874	7810490,6843	703,492m	525333,0226	7810483,1357	706,512m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	525371,9068	7810501,9652	702,981m	525341,2461	7810490,7802	704,829m
PARÁ DE MINAS - MG	525371,7547	7810509,1298	702,822m	525344,9583	7810494,2310	704,066m
PARÁ DE MINAS - MG	525371,3301	7810529,1253	704,391m	525351,7988	7810506,8412	702,434m
PARÁ DE MINAS - MG	525370,9055	7810549,1207	704,488m	525351,7863	7810507,4267	702,385m
PARÁ DE MINAS - MG	525370,6279	7810562,1928	703,821m	525351,3617	7810527,4222	701,222m
PARÁ DE MINAS - MG	525372,5770	7810568,8378	703,439m	525350,9371	7810547,4177	701,765m
PARÁ DE MINAS - MG	525374,0187	7810573,7530	703,532m	525350,5668	7810564,8572	701,806m
PARÁ DE MINAS - MG	525381,1604	7810583,8376	704,140m	525351,2864	7810567,3104	701,783m
PARÁ DE MINAS - MG	525383,1999	7810585,3186	704,150m	525355,7671	7810582,5865	701,260m
PARÁ DE MINAS - MG	525392,4590	7810592,0418	703,702m	525358,1253	7810585,9164	701,405m
PARÁ DE MINAS - MG	525400,4412	7810595,1263	702,997m	525366,7430	7810598,0852	701,774m
PARÁ DE MINAS - MG	525419,0968	7810602,3352	702,975m	525370,8607	7810601,0752	702,072m
PARÁ DE MINAS - MG	525437,7524	7810609,5441	702,800m	525382,8177	7810609,7575	702,468m
PARÁ DE MINAS - MG	525456,4080	7810616,7530	704,900m	525387,6898	7810611,6402	702,727m
PARÁ DE MINAS - MG	525475,0636	7810623,9620	706,616m	525406,3454	7810618,8491	703,000m
PARÁ DE MINAS - MG	525493,7192	7810631,1709	707,133m	525425,0010	7810626,0580	702,340m
PARÁ DE MINAS - MG	525512,3748	7810638,3798	705,371m	525443,6566	7810633,2669	700,919m
PARÁ DE MINAS - MG	525531,0304	7810645,5887	702,109m	525462,3122	7810640,4759	699,820m
PARÁ DE MINAS - MG	525532,5853	7810646,1896	702,048m	525480,9678	7810647,6848	698,758m
PARÁ DE MINAS - MG	525547,2477	7810635,1844	705,763m	525499,6234	7810654,8937	697,516m
PARÁ DE MINAS - MG	525556,4249	7810628,2961	705,206m	525518,2790	7810662,1026	696,030m
PARÁ DE MINAS - MG	525556,5632	7810619,7720	706,002m	525535,7213	7810668,8427	696,908m
PARÁ DE MINAS - MG	525556,8876	7810599,7747	707,887m	525536,7616	7810668,0618	697,128m
PARÁ DE MINAS - MG	525557,2120	7810579,7773	711,165m	525552,7572	7810656,0560	700,311m
PARÁ DE MINAS - MG	525557,4503	7810565,0859	712,012m	525568,7528	7810644,0501	699,996m
PARÁ DE MINAS - MG	525557,9864	7810559,8064	712,248m	525576,2635	7810638,4127	700,180m
PARÁ DE MINAS - MG	525560,0070	7810539,9087	714,029m	525576,4355	7810627,8051	701,683m
PARÁ DE MINAS - MG	525562,0276	7810520,0110	715,975m	525576,7599	7810607,8077	705,174m
PARÁ DE MINAS - MG	525562,2882	7810517,4441	716,182m	525577,0843	7810587,8103	708,183m
PARÁ DE MINAS - MG	525562,1664	7810511,4795	716,676m	525577,4087	7810567,8130	709,994m
PARÁ DE MINAS - MG	525558,8357	7810500,5205	717,729m	525577,4339	7810566,2605	710,169m
PARÁ DE MINAS - MG	525553,0199	7810481,3847	719,869m	525579,2976	7810547,9076	711,906m
PARÁ DE MINAS - MG	525547,2041	7810462,2490	721,892m	525581,3182	7810528,0099	713,896m
PARÁ DE MINAS - MG	525541,3883	7810443,1132	723,844m	525582,3089	7810518,2532	714,841m
PARÁ DE MINAS - MG	525540,2565	7810439,3893	724,317m	525582,1058	7810508,3080	715,603m
PARÁ DE MINAS - MG	525539,9276	7810423,2848	726,098m	525582,0343	7810508,0728	715,615m
PARÁ DE MINAS - MG	525539,8273	7810418,3706	726,563m	525576,2185	7810488,9370	717,482m
PARÁ DE MINAS - MG	525543,4595	7810403,7296	728,203m	525570,4027	7810469,8013	719,688m
PARÁ DE MINAS - MG	525544,2371	7810400,5949	728,596m	525564,5869	7810450,6656	721,272m
PARÁ DE MINAS - MG	525550,4999	7810385,0379	729,836m	525560,1959	7810436,2178	723,062m
PARÁ DE MINAS - MG	525557,9687	7810366,4849	731,171m	525560,0959	7810431,3191	723,789m
PARÁ DE MINAS - MG	525565,4375	7810347,9318	732,821m	525559,8773	7810420,6130	725,116m
PARÁ DE MINAS - MG	525572,9064	7810329,3787	734,374m	525562,1145	7810411,5947	725,918m
PARÁ DE MINAS - MG	525575,3589	7810323,2864	734,861m	525563,3122	7810406,7672	726,572m
PARÁ DE MINAS - MG	525580,9803	7810311,0867	735,622m	525568,9236	7810392,8281	727,997m
PARÁ DE MINAS - MG	525589,3502	7810292,9223	737,008m	525576,3924	7810374,2751	729,493m
PARÁ DE MINAS - MG	525597,7200	7810274,7578	738,817m	525583,8612	7810355,7220	731,575m
PARÁ DE MINAS - MG	525606,0898	7810256,5934	741,035m	525591,3301	7810337,1689	733,056m
PARÁ DE MINAS - MG	525613,7704	7810239,9248	742,939m	525593,7287	7810331,2105	733,507m
PARÁ DE MINAS - MG	525614,6320	7810238,5212	743,116m	525599,4105	7810318,8797	734,329m
PARÁ DE MINAS - MG	525625,0952	7810221,4765	744,962m	525607,7804	7810300,7153	736,097m
PARÁ DE MINAS - MG	525626,7415	7810218,7945	745,196m	525616,1502	7810282,5509	737,851m
PARÁ DE MINAS - MG	525638,0117	7810206,2643	746,148m	525624,5200	7810264,3864	740,297m
PARÁ DE MINAS - MG	525651,3864	7810191,3942	747,617m	525631,4372	7810249,3746	741,815m
PARÁ DE MINAS - MG	525654,1002	7810188,3771	748,000m	525633,2532	7810246,4164	742,153m
PARÁ DE MINAS - MG	525665,2191	7810176,9527	749,581m	525642,8317	7810230,8126	744,065m
PARÁ DE MINAS - MG	525677,0868	7810164,7590	753,007m	525643,9624	7810229,5555	744,161m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	525678,4601	7810162,1093	753,757m	525657,3371	7810214,6854	745,508m
PARÁ DE MINAS - MG	525687,6628	7810144,3524	756,626m	525668,7070	7810202,0443	746,898m
PARÁ DE MINAS - MG	525689,2047	7810141,3774	756,968m	525670,7979	7810199,8960	747,125m
PARÁ DE MINAS - MG	525696,5678	7810126,4448	757,137m	525684,7472	7810185,5636	749,367m
PARÁ DE MINAS - MG	525704,3854	7810110,5906	758,493m	525693,4825	7810176,5883	750,976m
PARÁ DE MINAS - MG	525706,1281	7810109,0544	758,671m	525696,9223	7810169,9512	751,792m
PARÁ DE MINAS - MG	525721,1314	7810095,8294	759,673m	525706,1251	7810152,1942	754,558m
PARÁ DE MINAS - MG	525726,3793	7810091,2035	759,710m	525707,0538	7810150,4022	754,827m
PARÁ DE MINAS - MG	525736,4071	7810082,9237	759,610m	525715,0062	7810134,2746	757,128m
PARÁ DE MINAS - MG	525751,8293	7810070,1897	759,164m	525720,5753	7810122,9804	758,016m
PARÁ DE MINAS - MG	525752,8742	7810069,3269	759,125m	525726,1320	7810118,0823	758,163m
PARÁ DE MINAS - MG	525763,9023	7810054,2931	759,511m	525739,3622	7810106,4202	757,890m
PARÁ DE MINAS - MG	525768,9437	7810047,4204	759,744m	525741,1848	7810104,9153	757,797m
PARÁ DE MINAS - MG	525775,6785	7810038,1277	759,858m	525756,6071	7810092,1813	757,057m
PARÁ DE MINAS - MG	525787,4150	7810021,9335	759,234m	525767,5280	7810083,1640	755,974m
PARÁ DE MINAS - MG	525794,3972	7810012,2994	759,097m	525770,9807	7810078,4572	755,897m
PARÁ DE MINAS - MG	525799,4877	7810005,9965	759,383m	525782,8103	7810062,3307	756,456m
PARÁ DE MINAS - MG	525802,2777	7810002,5419	759,612m	525785,1042	7810059,2036	756,563m
PARÁ DE MINAS - MG	525812,8862	7809993,6664	760,000m	525794,5649	7810046,1496	757,257m
PARÁ DE MINAS - MG	525814,4010	7809992,8353	760,000m	525806,3014	7810029,9554	758,016m
PARÁ DE MINAS - MG	525831,9348	7809983,2142	759,807m	525810,2848	7810024,4591	758,609m
PARÁ DE MINAS - MG	525841,1605	7809978,1520	761,506m	525816,6095	7810016,6279	759,231m
PARÁ DE MINAS - MG	525849,1635	7809973,0765	766,050m	525819,0222	7810014,6093	759,281m
PARÁ DE MINAS - MG	525865,0260	7809963,0166	768,864m	525824,2207	7810010,2600	759,434m
PARÁ DE MINAS - MG	525865,8802	7809962,1505	769,010m	525835,8124	7810003,8996	759,273m
PARÁ DE MINAS - MG	525869,7483	7809958,2286	769,412m	525851,3369	7809995,3811	760,142m
PARÁ DE MINAS - MG	525874,3434	7809950,3726	770,002m	525853,2724	7809994,1536	760,954m
PARÁ DE MINAS - MG	525876,4328	7809945,4037	770,496m	525870,1622	7809983,4422	766,324m
PARÁ DE MINAS - MG	525881,2877	7809933,8582	771,815m	525877,6636	7809978,6848	768,003m
PARÁ DE MINAS - MG	525883,3655	7809926,6775	772,576m	525885,4703	7809970,7697	769,174m
PARÁ DE MINAS - MG	525888,9245	7809907,4656	773,506m	525885,7471	7809970,4890	769,193m
PARÁ DE MINAS - MG	525891,3916	7809898,9394	774,361m	525892,2704	7809959,3362	769,764m
PARÁ DE MINAS - MG	525893,3884	7809887,9960	777,417m	525894,8618	7809953,1736	770,058m
PARÁ DE MINAS - MG	525895,7860	7809874,8555	779,879m	525900,1757	7809940,5366	771,280m
PARÁ DE MINAS - MG	525896,4512	7809868,2464	780,956m	525901,9244	7809934,4933	771,959m
PARÁ DE MINAS - MG	525898,4540	7809848,3469	783,590m	525907,4834	7809915,2814	774,544m
PARÁ DE MINAS - MG	525898,5435	7809847,4579	783,689m	525910,8850	7809903,5256	776,322m
PARÁ DE MINAS - MG	525899,6255	7809828,3821	785,927m	525912,2783	7809895,8897	777,234m
PARÁ DE MINAS - MG	525900,0458	7809820,9718	786,676m	525915,6051	7809877,6564	779,684m
PARÁ DE MINAS - MG	525900,6248	7809808,4073	788,030m	525915,7519	7809876,1981	779,885m
PARÁ DE MINAS - MG	525901,2406	7809795,0434	787,432m	525917,7548	7809856,2986	782,852m
PARÁ DE MINAS - MG	525898,6074	7809788,9676	787,216m	525918,4867	7809849,0263	783,888m
PARÁ DE MINAS - MG	525892,7373	7809775,4229	788,000m	525919,2053	7809836,3557	785,646m
PARÁ DE MINAS - MG	525889,1416	7809771,6140	787,951m	525920,0197	7809821,9985	787,528m
PARÁ DE MINAS - MG	525875,4125	7809757,0705	787,142m	525920,2784	7809816,3848	788,173m
PARÁ DE MINAS - MG	525861,6834	7809742,5271	786,489m	525921,1991	7809796,4060	789,000m
PARÁ DE MINAS - MG	525847,9543	7809727,9836	787,157m	525921,4326	7809791,3388	789,000m
PARÁ DE MINAS - MG	525835,2765	7809714,5538	788,179m	525915,4967	7809777,6423	789,000m
PARÁ DE MINAS - MG	525834,2964	7809713,3771	788,249m	525909,6915	7809764,2476	789,000m
PARÁ DE MINAS - MG	525821,4966	7809698,0094	790,338m	525905,9837	7809760,3198	789,000m
PARÁ DE MINAS - MG	525808,6968	7809682,6417	792,754m	525892,2546	7809745,7764	788,163m
PARÁ DE MINAS - MG	525803,9503	7809676,9429	793,539m	525878,5255	7809731,2329	787,981m
PARÁ DE MINAS - MG	525796,7989	7809666,5892	794,843m	525864,7964	7809716,6895	788,601m
PARÁ DE MINAS - MG	525790,5967	7809657,6098	795,952m	525851,0673	7809702,1461	789,705m
PARÁ DE MINAS - MG	525787,2857	7809649,1476	796,824m	525850,2465	7809701,2766	789,776m
PARÁ DE MINAS - MG	525779,9983	7809630,5226	798,665m	525838,2119	7809686,8276	791,183m
PARÁ DE MINAS - MG	525776,2240	7809620,8763	800,671m	525825,4121	7809671,4600	792,368m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	525773,6460	7809611,5857	801,866m	525819,8945	7809664,8353	792,730m
PARÁ DE MINAS - MG	525768,2984	7809592,3139	802,650m	525813,4278	7809655,4730	793,300m
PARÁ DE MINAS - MG	525762,9509	7809573,0420	798,998m	525808,3744	7809648,1568	794,042m
PARÁ DE MINAS - MG	525757,6033	7809553,7702	800,272m	525804,3269	7809637,8123	795,127m
PARÁ DE MINAS - MG	525754,1810	7809541,4368	803,397m	525797,0395	7809619,1872	798,585m
PARÁ DE MINAS - MG	525756,2235	7809534,5320	802,469m	525795,2221	7809614,5423	799,644m
PARÁ DE MINAS - MG	525761,8965	7809515,3534	803,008m	525791,2082	7809600,0766	801,891m
PARÁ DE MINAS - MG	525767,5696	7809496,1749	806,370m	525785,8606	7809580,8048	802,406m
PARÁ DE MINAS - MG	525770,7574	7809485,3983	810,497m	525780,5130	7809561,5330	798,317m
PARÁ DE MINAS - MG	525779,2553	7809483,2640	809,858m	525775,1654	7809542,2611	799,170m
PARÁ DE MINAS - MG	525798,6528	7809478,3921	808,033m	525774,9856	7809541,6129	799,281m
PARÁ DE MINAS - MG	525818,0504	7809473,5203	809,295m	525780,4678	7809523,0795	799,873m
PARÁ DE MINAS - MG	525819,2518	7809473,2186	809,344m	525786,1409	7809503,9009	802,426m
PARÁ DE MINAS - MG	525837,9661	7809471,8926	805,949m	525786,6985	7809502,0157	802,715m
PARÁ DE MINAS - MG	525857,9161	7809470,4791	804,306m	525804,1893	7809497,6228	801,121m
PARÁ DE MINAS - MG	525871,9653	7809469,4837	802,507m	525822,4187	7809493,0443	797,999m
PARÁ DE MINAS - MG	525877,8712	7809469,8230	801,444m	525823,6201	7809492,9592	797,905m
PARÁ DE MINAS - MG	525897,8382	7809470,9701	795,800m	525843,5701	7809491,5457	796,994m
PARÁ DE MINAS - MG	525917,8053	7809472,1173	792,119m	525863,5201	7809490,1322	797,795m
PARÁ DE MINAS - MG	525937,7724	7809473,2644	789,719m	525872,0990	7809489,5244	797,682m
PARÁ DE MINAS - MG	525957,7395	7809474,4115	788,254m	525883,4799	7809490,1782	796,466m
PARÁ DE MINAS - MG	525966,3993	7809474,9091	787,599m	525903,4469	7809491,3253	791,518m
PARÁ DE MINAS - MG	525977,6465	7809476,2422	786,765m	525923,4140	7809492,4725	788,340m
PARÁ DE MINAS - MG	525997,5074	7809478,5964	785,318m	525943,3811	7809493,6196	786,958m
PARÁ DE MINAS - MG	526017,3684	7809480,9505	783,495m	525963,3481	7809494,7667	785,813m
PARÁ DE MINAS - MG	526028,6873	7809482,2922	782,474m	525964,6471	7809494,8414	785,714m
PARÁ DE MINAS - MG	526037,1664	7809483,7400	782,179m	525983,2160	7809497,0424	783,979m
PARÁ DE MINAS - MG	526053,6448	7809486,5535	781,881m	526003,0770	7809499,3966	781,996m
PARÁ DE MINAS - MG	526056,8809	7809485,9998	781,836m	526022,9379	7809501,7507	781,117m
PARÁ DE MINAS - MG	526076,5945	7809482,6272	780,429m	526025,8253	7809502,0930	781,002m
PARÁ DE MINAS - MG	526096,3081	7809479,2545	779,580m	526042,6739	7809504,9697	780,401m
PARÁ DE MINAS - MG	526116,0217	7809475,8818	779,240m	526053,6482	7809506,8435	780,007m
PARÁ DE MINAS - MG	526135,7352	7809472,5091	779,063m	526062,3881	7809505,3482	779,552m
PARÁ DE MINAS - MG	526155,4488	7809469,1364	779,370m	526082,1017	7809501,9756	778,585m
PARÁ DE MINAS - MG	526168,3182	7809466,9346	779,844m	526101,8152	7809498,6029	777,988m
PARÁ DE MINAS - MG	526174,6908	7809469,6921	779,201m	526121,5288	7809495,2302	777,639m
PARÁ DE MINAS - MG	526193,0462	7809477,6343	778,293m	526141,2424	7809491,8575	777,749m
PARÁ DE MINAS - MG	526211,4016	7809485,5766	777,423m	526160,9560	7809488,4848	777,863m
PARÁ DE MINAS - MG	526229,7570	7809493,5189	776,391m	526165,8316	7809487,6507	777,818m
PARÁ DE MINAS - MG	526248,1124	7809501,4612	775,738m	526179,6473	7809493,6286	777,317m
PARÁ DE MINAS - MG	526248,9083	7809501,8056	775,698m	526198,0026	7809501,5709	776,601m
PARÁ DE MINAS - MG	526265,5707	7809511,2091	774,935m	526216,3580	7809509,5132	775,683m
PARÁ DE MINAS - MG	526282,9884	7809521,0389	773,797m	526234,7134	7809517,4555	774,287m
PARÁ DE MINAS - MG	526300,4061	7809530,8687	773,114m	526239,9975	7809519,7419	774,088m
PARÁ DE MINAS - MG	526311,7320	7809537,2605	772,330m	526252,4010	7809526,7419	773,508m
PARÁ DE MINAS - MG	526318,4382	7809539,2493	772,152m	526269,8187	7809536,5717	772,602m
PARÁ DE MINAS - MG	526321,2188	7809540,0739	772,039m	526287,2364	7809546,4014	772,036m
PARÁ DE MINAS - MG	526334,5729	7809541,9217	770,710m	526303,8745	7809555,7912	771,167m
PARÁ DE MINAS - MG	526338,1908	7809541,8583	770,399m	526304,7327	7809556,0458	771,130m
PARÁ DE MINAS - MG	526350,9205	7809541,6353	769,893m	526316,9809	7809559,6781	770,862m
PARÁ DE MINAS - MG	526358,1588	7809540,9755	769,833m	526324,1373	7809560,6683	770,505m
PARÁ DE MINAS - MG	526367,9217	7809540,0857	769,752m	526333,3702	7809561,9458	770,007m
PARÁ DE MINAS - MG	526377,8434	7809537,7340	769,773m	526344,0477	7809561,7588	769,783m
PARÁ DE MINAS - MG	526397,3043	7809533,1215	770,390m	526352,0048	7809561,6194	769,605m
PARÁ DE MINAS - MG	526400,6732	7809532,3230	770,416m	526363,9967	7809560,5263	769,405m
PARÁ DE MINAS - MG	526413,5270	7809528,4851	770,589m	526371,1520	7809559,8741	769,329m
PARÁ DE MINAS - MG	526416,6497	7809528,4289	770,600m	526383,6216	7809556,9186	769,290m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	526436,6465	7809528,0688	771,481m	526403,0825	7809552,3060	769,277m
PARÁ DE MINAS - MG	526440,0889	7809528,0068	771,382m	526405,8447	7809551,6513	769,259m
PARÁ DE MINAS - MG	526456,2448	7809531,6293	771,038m	526416,6250	7809548,4326	769,284m
PARÁ DE MINAS - MG	526475,7602	7809536,0051	770,747m	526422,4602	7809547,4912	769,578m
PARÁ DE MINAS - MG	526495,2757	7809540,3808	769,928m	526442,2049	7809544,3058	769,925m
PARÁ DE MINAS - MG	526498,6869	7809541,1457	769,642m	526442,3694	7809544,2793	769,922m
PARÁ DE MINAS - MG	526514,6993	7809545,1441	769,488m	526461,8128	7809548,1929	769,010m
PARÁ DE MINAS - MG	526534,1035	7809549,9894	770,995m	526481,4196	7809552,1394	769,122m
PARÁ DE MINAS - MG	526553,5077	7809554,8348	771,407m	526489,9425	7809553,8549	769,099m
PARÁ DE MINAS - MG	526572,9119	7809559,6802	771,872m	526500,7886	7809557,0471	768,544m
PARÁ DE MINAS - MG	526592,3161	7809564,5255	772,226m	526519,9749	7809562,6939	768,470m
PARÁ DE MINAS - MG	526611,7203	7809569,3709	772,110m	526539,1612	7809568,3407	768,670m
PARÁ DE MINAS - MG	526622,8108	7809572,1402	771,718m	526558,3475	7809573,9875	768,656m
PARÁ DE MINAS - MG	526631,1721	7809574,0149	771,375m	526577,5338	7809579,6343	768,793m
PARÁ DE MINAS - MG	526650,6876	7809578,3904	770,280m	526596,7201	7809585,2812	768,714m
PARÁ DE MINAS - MG	526659,4618	7809580,3577	769,646m	526615,9063	7809590,9280	768,271m
PARÁ DE MINAS - MG	526669,7791	7809584,1956	768,447m	526618,1997	7809591,6029	768,136m
PARÁ DE MINAS - MG	526688,5241	7809591,1687	767,220m	526635,3825	7809595,4554	767,676m
PARÁ DE MINAS - MG	526707,2691	7809598,1418	765,800m	526653,7614	7809599,5761	766,683m
PARÁ DE MINAS - MG	526726,0141	7809605,1149	763,839m	526654,8531	7809599,9822	766,596m
PARÁ DE MINAS - MG	526733,3417	7809607,8408	763,332m	526673,5982	7809606,9553	764,643m
PARÁ DE MINAS - MG	526744,0685	7809613,6144	762,119m	526692,3432	7809613,9284	763,557m
PARÁ DE MINAS - MG	526760,5196	7809622,4690	760,821m	526711,0882	7809620,9015	762,928m
PARÁ DE MINAS - MG	526761,5958	7809623,2287	760,728m	526725,0766	7809626,1052	762,080m
PARÁ DE MINAS - MG	526776,6146	7809633,8300	759,656m	526729,5455	7809628,5105	761,620m
PARÁ DE MINAS - MG	526777,8192	7809634,9080	759,556m	526747,1565	7809637,9895	760,281m
PARÁ DE MINAS - MG	526792,7227	7809648,2453	758,543m	526749,9748	7809639,5064	760,095m
PARÁ DE MINAS - MG	526807,6262	7809661,5827	757,550m	526763,6995	7809649,1942	759,166m
PARÁ DE MINAS - MG	526808,3653	7809662,2442	757,512m	526764,1377	7809649,5035	759,134m
PARÁ DE MINAS - MG	526825,0410	7809671,3671	756,898m	526778,6415	7809662,4832	758,314m
PARÁ DE MINAS - MG	526828,1708	7809673,0794	756,789m	526793,5450	7809675,8206	757,358m
PARÁ DE MINAS - MG	526844,0913	7809677,1493	756,672m	526796,7449	7809678,6842	757,062m
PARÁ DE MINAS - MG	526846,2684	7809677,7058	756,678m	526810,5236	7809686,2222	755,980m
PARÁ DE MINAS - MG	526863,9371	7809679,4328	756,615m	526820,7793	7809691,8330	755,728m
PARÁ DE MINAS - MG	526883,4130	7809681,3364	756,568m	526828,8302	7809693,8911	755,668m
PARÁ DE MINAS - MG	526883,8442	7809681,3456	756,571m	526842,7986	7809697,4620	755,615m
PARÁ DE MINAS - MG	526903,8396	7809681,7727	756,728m	526848,3545	7809698,0050	755,592m
PARÁ DE MINAS - MG	526920,6405	7809682,1315	757,148m	526868,2597	7809699,9506	755,495m
PARÁ DE MINAS - MG	526923,7945	7809681,6197	757,315m	526882,2250	7809701,3156	755,566m
PARÁ DE MINAS - MG	526932,6678	7809680,1797	757,991m	526888,1918	7809701,4430	755,700m
PARÁ DE MINAS - MG	526943,1685	7809676,8676	758,668m	526908,1872	7809701,8701	756,099m
PARÁ DE MINAS - MG	526946,6768	7809675,7610	758,877m	526922,0404	7809702,1660	756,413m
PARÁ DE MINAS - MG	526961,1462	7809668,2098	760,240m	526928,1047	7809701,1818	756,786m
PARÁ DE MINAS - MG	526966,4747	7809665,4290	760,757m	526937,3019	7809699,6893	757,467m
PARÁ DE MINAS - MG	526978,2204	7809657,8299	762,096m	526947,4896	7809696,4759	758,229m
PARÁ DE MINAS - MG	526988,7700	7809651,0046	763,302m	526954,3705	7809694,3056	758,716m
PARÁ DE MINAS - MG	526995,4520	7809647,7442	764,053m	526965,7048	7809688,3905	759,742m
PARÁ DE MINAS - MG	527013,4264	7809638,9738	766,025m	526976,5552	7809682,7280	760,971m
PARÁ DE MINAS - MG	527029,0492	7809631,3509	768,093m	526983,0713	7809678,5123	761,663m
PARÁ DE MINAS - MG	527031,5180	7809630,4838	768,429m	526998,6228	7809668,4509	763,541m
PARÁ DE MINAS - MG	527050,3880	7809623,8562	770,772m	526999,9507	7809667,8029	763,688m
PARÁ DE MINAS - MG	527057,1888	7809621,4676	771,676m	527017,9252	7809659,0325	765,791m
PARÁ DE MINAS - MG	527068,9842	7809616,5178	773,384m	527035,8996	7809650,2622	768,120m
PARÁ DE MINAS - MG	527087,4263	7809608,7788	776,045m	527036,7743	7809649,8354	768,229m
PARÁ DE MINAS - MG	527103,3681	7809602,0890	778,557m	527054,7260	7809643,5303	770,774m
PARÁ DE MINAS - MG	527105,7180	7809600,7364	778,899m	527064,3785	7809640,1401	772,204m
PARÁ DE MINAS - MG	527116,6608	7809594,4376	780,755m	527073,3869	7809636,3598	773,448m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	527122,3329	7809589,7258	781,595m	527091,8289	7809628,6209	775,978m
PARÁ DE MINAS - MG	527137,7172	7809576,9460	783,822m	527110,2710	7809620,8819	778,966m
PARÁ DE MINAS - MG	527142,4281	7809573,0327	784,617m	527112,2609	7809620,0469	779,231m
PARÁ DE MINAS - MG	527152,0680	7809563,0522	786,301m	527127,7241	7809611,1461	781,613m
PARÁ DE MINAS - MG	527154,5954	7809560,4355	786,752m	527128,1229	7809610,9166	781,697m
PARÁ DE MINAS - MG	527164,5499	7809547,4500	788,133m	527143,1533	7809598,4308	784,072m
PARÁ DE MINAS - MG	527176,7177	7809531,5773	789,590m	527156,0516	7809587,7161	785,959m
PARÁ DE MINAS - MG	527182,5912	7809523,9154	790,431m	527158,2969	7809585,3915	786,369m
PARÁ DE MINAS - MG	527188,8539	7809515,6804	791,370m	527169,7738	7809573,5091	788,201m
PARÁ DE MINAS - MG	527200,9607	7809499,7610	792,789m	527171,8910	7809570,7473	788,426m
PARÁ DE MINAS - MG	527201,7942	7809498,6651	792,888m	527184,0588	7809554,8745	789,496m
PARÁ DE MINAS - MG	527214,5429	7809485,0897	794,278m	527196,2266	7809539,0018	791,033m
PARÁ DE MINAS - MG	527217,0744	7809482,3939	794,531m	527198,4873	7809536,0527	791,089m
PARÁ DE MINAS - MG	527230,4004	7809473,0039	795,964m	527208,3447	7809523,0911	791,342m
PARÁ DE MINAS - MG	527246,7493	7809461,4838	798,148m	527217,0845	7809511,5989	791,465m
PARÁ DE MINAS - MG	527249,4390	7809459,5886	798,581m	527220,8921	7809507,5444	791,487m
PARÁ DE MINAS - MG	527264,5822	7809452,5249	800,375m	527230,2593	7809497,5698	792,397m
PARÁ DE MINAS - MG	527282,7073	7809444,0703	802,724m	527235,4227	7809493,9314	792,812m
PARÁ DE MINAS - MG	527286,7432	7809442,1878	803,112m	527251,7716	7809482,4113	794,615m
PARÁ DE MINAS - MG	527301,1209	7809436,2735	804,707m	527259,5053	7809476,9619	795,757m
PARÁ DE MINAS - MG	527319,6172	7809428,6650	806,870m	527269,0565	7809472,5066	797,138m
PARÁ DE MINAS - MG	527333,5370	7809422,9390	808,074m	527287,1817	7809464,0521	800,113m
PARÁ DE MINAS - MG	527338,3173	7809421,6599	808,612m	527294,7790	7809460,5082	801,527m
PARÁ DE MINAS - MG	527355,0030	7809417,1952	809,692m	527305,5224	7809456,0889	803,465m
PARÁ DE MINAS - MG	527357,5511	7809416,2229	810,017m	527324,0186	7809448,4805	806,578m
PARÁ DE MINAS - MG	527365,9113	7809413,0331	811,176m	527339,9527	7809441,9259	809,047m
PARÁ DE MINAS - MG	527372,5851	7809407,7464	811,800m	527342,6290	7809441,2098	809,545m
PARÁ DE MINAS - MG	527373,7526	7809405,4930	811,788m	527361,1691	7809436,2489	812,712m
PARÁ DE MINAS - MG	527375,7106	7809401,7136	811,979m	527361,9237	7809435,9610	812,808m
PARÁ DE MINAS - MG	527377,9632	7809389,8712	813,204m	527375,9170	7809430,6217	813,631m
PARÁ DE MINAS - MG	527378,0391	7809386,1832	813,538m	527379,8541	7809427,5030	813,663m
PARÁ DE MINAS - MG	527378,4507	7809366,1874	814,736m	527388,3687	7809420,7582	813,806m
PARÁ DE MINAS - MG	527378,8622	7809346,1917	815,900m	527392,5721	7809412,6448	813,989m
PARÁ DE MINAS - MG	527379,2737	7809326,1959	817,694m	527394,8125	7809408,3204	814,012m
PARÁ DE MINAS - MG	527379,6852	7809306,2001	819,985m	527397,6397	7809393,4572	814,016m
PARÁ DE MINAS - MG	527379,8528	7809298,0561	821,019m	527397,9245	7809391,9602	814,014m
PARÁ DE MINAS - MG	527384,0420	7809286,9668	821,858m	527398,3046	7809373,4879	814,687m
PARÁ DE MINAS - MG	527389,1265	7809273,5075	822,822m	527398,7162	7809353,4921	815,463m
PARÁ DE MINAS - MG	527391,6197	7809268,4793	823,051m	527399,1277	7809333,4964	816,922m
PARÁ DE MINAS - MG	527400,5042	7809250,5610	823,441m	527399,5392	7809313,5006	818,798m
PARÁ DE MINAS - MG	527408,9909	7809233,4450	823,480m	527399,7778	7809301,9064	819,780m
PARÁ DE MINAS - MG	527409,5021	7809232,7097	823,484m	527402,7475	7809294,0453	820,394m
PARÁ DE MINAS - MG	527420,9198	7809216,2892	823,329m	527407,4855	7809281,5033	821,136m
PARÁ DE MINAS - MG	527432,3376	7809199,8686	823,200m	527410,4142	7809275,5966	821,253m
PARÁ DE MINAS - MG	527435,3983	7809195,4668	823,080m	527419,2987	7809257,6783	821,611m
PARÁ DE MINAS - MG	527440,9029	7809186,6078	822,739m	527426,2537	7809243,6514	821,422m
PARÁ DE MINAS - MG	527442,6225	7809182,7663	822,750m	527428,7334	7809240,0853	821,327m
PARÁ DE MINAS - MG	527450,7939	7809164,5118	822,143m	527440,1511	7809223,6647	820,973m
PARÁ DE MINAS - MG	527451,2360	7809163,5241	822,085m	527451,5688	7809207,2441	820,361m
PARÁ DE MINAS - MG	527455,0896	7809145,0029	821,131m	527452,1135	7809206,4607	820,342m
PARÁ DE MINAS - MG	527459,1637	7809125,4222	819,353m	527458,6046	7809196,0141	819,672m
PARÁ DE MINAS - MG	527459,1863	7809125,3135	819,335m	527461,3612	7809189,8561	819,490m
PARÁ DE MINAS - MG	527469,2476	7809110,9987	818,421m	527469,5326	7809171,6016	818,923m
PARÁ DE MINAS - MG	527471,5274	7809110,2746	818,344m	527470,3755	7809169,7186	818,800m
PARÁ DE MINAS - MG	527488,1330	7809105,0004	818,092m	527474,0293	7809152,1577	818,117m
PARÁ DE MINAS - MG	527490,7095	7809105,0467	818,090m	527477,9252	7809133,4333	817,686m
PARÁ DE MINAS - MG	527510,7063	7809105,4060	818,072m	527478,4281	7809132,7178	817,648m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	527511,3435	7809105,4175	818,070m	527481,7312	7809128,0183	817,365m
PARÁ DE MINAS - MG	527529,5329	7809112,0551	818,004m	527491,0573	7809125,0561	816,967m
PARÁ DE MINAS - MG	527533,9448	7809113,6651	818,009m	527495,5272	7809125,1365	816,974m
PARÁ DE MINAS - MG	527548,1952	7809119,2440	818,008m	527507,6346	7809125,3540	817,078m
PARÁ DE MINAS - MG	527556,8446	7809122,6302	817,681m	527515,0471	7809128,0590	817,029m
PARÁ DE MINAS - MG	527566,4547	7809127,3609	817,159m	527526,8702	7809132,3735	816,642m
PARÁ DE MINAS - MG	527584,3984	7809136,1939	816,435m	527533,7742	7809135,0764	816,390m
PARÁ DE MINAS - MG	527602,3422	7809145,0269	814,930m	527548,7682	7809140,9464	816,068m
PARÁ DE MINAS - MG	527620,2859	7809153,8599	813,183m	527552,2654	7809142,6679	815,951m
PARÁ DE MINAS - MG	527638,2297	7809162,6929	811,284m	527570,2091	7809151,5009	815,272m
PARÁ DE MINAS - MG	527655,1888	7809171,0412	809,787m	527588,1529	7809160,3339	814,607m
PARÁ DE MINAS - MG	527656,1580	7809171,5561	809,727m	527606,0966	7809169,1669	813,801m
PARÁ DE MINAS - MG	527673,8201	7809180,9395	808,879m	527624,0404	7809177,9999	812,833m
PARÁ DE MINAS - MG	527691,4823	7809190,3229	808,108m	527641,9841	7809186,8329	811,344m
PARÁ DE MINAS - MG	527704,6686	7809197,3284	807,015m	527646,0785	7809188,8484	810,945m
PARÁ DE MINAS - MG	527708,8691	7809200,1645	806,502m	527659,7105	7809196,0908	810,159m
PARÁ DE MINAS - MG	527725,4448	7809211,3558	803,261m	527677,3727	7809205,4742	809,032m
PARÁ DE MINAS - MG	527742,0205	7809222,5472	801,519m	527694,3525	7809214,4951	807,584m
PARÁ DE MINAS - MG	527756,4725	7809232,3046	801,067m	527694,9929	7809214,9274	807,482m
PARÁ DE MINAS - MG	527758,5972	7809233,7371	801,036m	527711,5686	7809226,1188	805,444m
PARÁ DE MINAS - MG	527775,1804	7809244,9172	799,500m	527728,1443	7809237,3101	803,830m
PARÁ DE MINAS - MG	527780,6925	7809248,6333	798,846m	527744,7200	7809248,5014	801,814m
PARÁ DE MINAS - MG	527792,7208	7809253,9961	797,904m	527745,2924	7809248,8879	801,706m
PARÁ DE MINAS - MG	527792,8956	7809254,0491	797,897m	527761,3030	7809259,6820	798,914m
PARÁ DE MINAS - MG	527808,4686	7809258,7715	797,567m	527770,9570	7809266,1905	797,657m
PARÁ DE MINAS - MG	527812,1785	7809259,1246	797,652m	527778,5897	7809269,5935	797,062m
PARÁ DE MINAS - MG	527822,2316	7809260,0814	797,590m	527785,7195	7809272,7723	796,759m
PARÁ DE MINAS - MG	527832,1255	7809260,4691	797,652m	527797,3884	7809276,3109	795,617m
PARÁ DE MINAS - MG	527839,8357	7809260,7712	797,855m	527804,5806	7809278,4918	795,342m
PARÁ DE MINAS - MG	527852,1116	7809260,3272	797,763m	527817,0088	7809279,6747	795,891m
PARÁ DE MINAS - MG	527866,2833	7809259,8145	796,995m	527820,8915	7809280,0442	795,958m
PARÁ DE MINAS - MG	527872,0939	7809260,1273	796,542m	527836,9789	7809280,6746	795,596m
PARÁ DE MINAS - MG	527876,9953	7809260,3912	796,132m	527839,8056	7809280,7854	795,546m
PARÁ DE MINAS - MG	527883,6923	7809261,9950	795,347m	527856,9655	7809280,1647	795,291m
PARÁ DE MINAS - MG	527891,4424	7809264,6893	794,289m	527866,1069	7809279,8340	794,743m
PARÁ DE MINAS - MG	527894,5219	7809265,7599	793,873m	527874,1051	7809280,2646	793,883m
PARÁ DE MINAS - MG	527906,6073	7809271,9326	792,087m	527876,8698	7809280,9266	793,640m
PARÁ DE MINAS - MG	527909,1569	7809273,8150	791,632m	527878,0658	7809281,2131	793,535m
PARÁ DE MINAS - MG	527925,2468	7809285,6942	789,178m	527886,6524	7809284,1982	792,578m
PARÁ DE MINAS - MG	527927,3556	7809287,2511	788,835m	527895,2726	7809288,6011	790,864m
PARÁ DE MINAS - MG	527935,6432	7809295,1190	787,174m	527896,0484	7809288,9973	790,703m
PARÁ DE MINAS - MG	527939,1238	7809299,9463	786,403m	527911,4375	7809300,3591	787,971m
PARÁ DE MINAS - MG	527950,8207	7809316,1692	784,143m	527914,4820	7809302,6068	787,530m
PARÁ DE MINAS - MG	527958,3999	7809326,6812	782,610m	527920,5153	7809308,3346	786,506m
PARÁ DE MINAS - MG	527962,5275	7809332,3849	781,803m	527925,1335	7809314,7398	785,297m
PARÁ DE MINAS - MG	527968,1499	7809340,1541	780,528m	527936,8304	7809330,9627	782,000m
PARÁ DE MINAS - MG	527976,4586	7809346,4255	779,720m	527942,1872	7809338,3923	780,760m
PARÁ DE MINAS - MG	527977,0787	7809346,8935	779,671m	527948,5427	7809347,1745	780,056m
PARÁ DE MINAS - MG	527994,2531	7809353,6460	779,097m	527953,7064	7809354,3098	779,343m
PARÁ DE MINAS - MG	527995,0127	7809353,7656	779,082m	527962,6395	7809361,0526	778,302m
PARÁ DE MINAS - MG	528010,4493	7809356,1957	778,437m	527967,2138	7809364,5053	777,753m
PARÁ DE MINAS - MG	528014,7874	7809356,7494	778,360m	527980,4932	7809369,7264	777,030m
PARÁ DE MINAS - MG	528034,6264	7809359,2815	776,877m	527988,9762	7809373,0616	776,678m
PARÁ DE MINAS - MG	528035,7051	7809359,4192	776,807m	527999,7287	7809374,7543	776,639m
PARÁ DE MINAS - MG	528054,4388	7809362,0142	775,628m	528007,6275	7809375,9978	776,706m
PARÁ DE MINAS - MG	528060,7170	7809362,8838	775,217m	528019,5348	7809377,5176	776,185m
PARÁ DE MINAS - MG	528073,7307	7809367,0419	774,057m	528033,0669	7809379,2447	775,404m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	528079,4469	7809368,8682	773,484m	528039,3649	7809380,1171	775,027m
PARÁ DE MINAS - MG	528092,4142	7809374,1433	771,980m	528056,2687	7809382,4586	774,190m
PARÁ DE MINAS - MG	528110,9400	7809381,6795	769,409m	528059,0643	7809383,3518	774,002m
PARÁ DE MINAS - MG	528127,3889	7809388,3708	767,048m	528072,6251	7809387,6847	773,003m
PARÁ DE MINAS - MG	528129,5060	7809389,1090	766,623m	528077,9640	7809389,8565	772,506m
PARÁ DE MINAS - MG	528148,3910	7809395,6937	763,618m	528096,4898	7809397,3927	770,877m
PARÁ DE MINAS - MG	528165,3563	7809401,6090	761,090m	528115,0157	7809404,9289	769,046m
PARÁ DE MINAS - MG	528167,3254	7809402,1150	760,973m	528120,3239	7809407,0883	768,460m
PARÁ DE MINAS - MG	528186,6961	7809407,0924	761,135m	528133,7977	7809411,7863	766,708m
PARÁ DE MINAS - MG	528192,9213	7809408,6920	761,072m	528152,6827	7809418,3709	764,709m
PARÁ DE MINAS - MG	528205,7048	7809413,2523	760,246m	528159,5650	7809420,7706	764,189m
PARÁ DE MINAS - MG	528211,4230	7809415,2922	759,691m	528171,8764	7809423,9341	763,590m
PARÁ DE MINAS - MG	528224,7679	7809419,2831	758,032m	528187,0605	7809427,8358	762,674m
PARÁ DE MINAS - MG	528243,9293	7809425,0136	755,093m	528191,1318	7809429,2882	762,309m
PARÁ DE MINAS - MG	528260,2399	7809429,8915	752,153m	528205,1936	7809434,3045	760,878m
PARÁ DE MINAS - MG	528263,1298	7809430,6007	751,845m	528210,0513	7809435,7572	760,159m
PARÁ DE MINAS - MG	528282,5533	7809435,3679	749,993m	528229,2127	7809441,4877	757,188m
PARÁ DE MINAS - MG	528292,2571	7809437,7495	748,571m	528248,3742	7809447,2181	754,247m
PARÁ DE MINAS - MG	528301,9555	7809440,2207	747,661m	528254,9878	7809449,1960	753,268m
PARÁ DE MINAS - MG	528321,3362	7809445,1590	746,180m	528267,7073	7809452,3178	751,258m
PARÁ DE MINAS - MG	528321,3651	7809445,1663	746,178m	528287,1309	7809457,0849	748,960m
PARÁ DE MINAS - MG	528339,8234	7809452,7886	744,216m	528287,4043	7809457,1520	748,937m
PARÁ DE MINAS - MG	528340,5697	7809453,0967	744,167m	528306,5122	7809462,0208	747,146m
PARÁ DE MINAS - MG	528355,4653	7809460,0765	742,728m	528315,0473	7809464,1956	746,531m
PARÁ DE MINAS - MG	528358,1607	7809460,5843	742,565m	528325,3922	7809468,4674	745,653m
PARÁ DE MINAS - MG	528361,5704	7809461,2267	742,350m	528332,5054	7809471,4048	744,791m
PARÁ DE MINAS - MG	528366,7309	7809460,2122	742,152m	528343,6470	7809476,6255	743,595m
PARÁ DE MINAS - MG	528375,8134	7809453,5380	741,746m	528349,2731	7809479,2618	742,885m
PARÁ DE MINAS - MG	528376,5970	7809452,9622	741,674m	528361,6509	7809481,5937	741,289m
PARÁ DE MINAS - MG	528389,4538	7809439,6321	741,088m	528362,8199	7809481,3639	741,133m
PARÁ DE MINAS - MG	528389,8078	7809439,2683	741,086m	528374,9733	7809478,9747	739,766m
PARÁ DE MINAS - MG	528403,7561	7809424,9350	739,261m	528381,1088	7809474,4660	739,502m
PARÁ DE MINAS - MG	528404,1380	7809424,5426	739,256m	528389,8112	7809468,0711	738,768m
PARÁ DE MINAS - MG	528416,2506	7809409,3215	738,670m	528396,1984	7809461,4488	737,893m
PARÁ DE MINAS - MG	528427,8110	7809394,7943	738,177m	528403,8182	7809453,5484	736,884m
PARÁ DE MINAS - MG	528428,8164	7809393,7713	738,107m	528410,1115	7809447,0814	736,497m
PARÁ DE MINAS - MG	528442,8350	7809379,5067	737,126m	528419,1666	7809437,7764	735,729m
PARÁ DE MINAS - MG	528456,8536	7809365,2421	737,009m	528423,5355	7809432,2863	735,778m
PARÁ DE MINAS - MG	528458,3698	7809363,6993	737,007m	528435,9891	7809416,6368	736,320m
PARÁ DE MINAS - MG	528475,1570	7809357,6705	737,717m	528442,8090	7809408,0667	736,526m
PARÁ DE MINAS - MG	528476,1629	7809357,3092	737,796m	528449,1507	7809401,6137	736,289m
PARÁ DE MINAS - MG	528494,9912	7809355,3381	738,779m	528463,1693	7809387,3491	736,200m
PARÁ DE MINAS - MG	528501,5726	7809354,6491	738,996m	528469,4310	7809380,9775	736,711m
PARÁ DE MINAS - MG	528514,9520	7809354,3568	739,034m	528479,8462	7809377,2371	737,392m
PARÁ DE MINAS - MG	528534,9472	7809353,9201	739,419m	528480,6486	7809376,9489	737,443m
PARÁ DE MINAS - MG	528543,4978	7809353,7333	739,445m	528499,6920	7809374,9553	738,163m
PARÁ DE MINAS - MG	528554,9440	7809353,5672	739,522m	528502,8343	7809374,6263	738,181m
PARÁ DE MINAS - MG	528574,9419	7809353,2771	740,081m	528519,6708	7809374,2585	737,991m
PARÁ DE MINAS - MG	528590,2079	7809353,0556	741,123m	528539,6660	7809373,8218	737,984m
PARÁ DE MINAS - MG	528594,9376	7809353,2165	741,417m	528543,8612	7809373,7301	737,996m
PARÁ DE MINAS - MG	528614,9260	7809353,8963	742,256m	528559,6634	7809373,5009	738,646m
PARÁ DE MINAS - MG	528634,9144	7809354,5760	742,951m	528579,6613	7809373,2108	739,663m
PARÁ DE MINAS - MG	528654,9029	7809355,2558	743,983m	528590,0130	7809373,0606	740,362m
PARÁ DE MINAS - MG	528674,8913	7809355,9356	745,263m	528599,6546	7809373,3885	741,098m
PARÁ DE MINAS - MG	528683,6973	7809356,2351	745,879m	528619,6430	7809374,0682	742,206m
PARÁ DE MINAS - MG	528694,8368	7809357,2860	746,977m	528639,6315	7809374,7480	743,102m
PARÁ DE MINAS - MG	528700,1277	7809357,7851	747,681m	528659,6199	7809375,4278	744,162m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	528714,7339	7809359,3101	749,289m	528679,6084	7809376,1076	745,906m
PARÁ DE MINAS - MG	528717,1406	7809359,5614	749,543m	528682,4170	7809376,2031	746,126m
PARÁ DE MINAS - MG	528733,2258	7809366,6557	751,240m	528698,1500	7809377,6874	747,718m
PARÁ DE MINAS - MG	528733,3183	7809366,6964	751,249m	528699,5294	7809377,8314	747,884m
PARÁ DE MINAS - MG	528749,2478	7809378,5208	752,559m	528711,9418	7809379,1273	748,851m
PARÁ DE MINAS - MG	528749,2853	7809378,5683	752,561m	528718,8224	7809382,1620	749,667m
PARÁ DE MINAS - MG	528761,5465	7809394,1102	754,006m	528723,1971	7809384,0914	750,195m
PARÁ DE MINAS - MG	528761,6225	7809394,2993	754,010m	528735,1925	7809392,9955	751,396m
PARÁ DE MINAS - MG	528766,2630	7809405,8437	754,210m	528735,3658	7809393,2152	751,406m
PARÁ DE MINAS - MG	528768,8197	7809412,9560	754,294m	528744,0626	7809404,2390	751,921m
PARÁ DE MINAS - MG	528770,8096	7809418,4916	754,079m	528746,2850	7809409,7677	751,928m
PARÁ DE MINAS - MG	528776,2648	7809431,5126	753,735m	528747,5677	7809412,9586	751,814m
PARÁ DE MINAS - MG	528783,9930	7809449,9592	754,532m	528752,1634	7809425,7434	751,523m
PARÁ DE MINAS - MG	528791,7212	7809468,4057	753,997m	528753,3131	7809428,4875	751,534m
PARÁ DE MINAS - MG	528792,9442	7809471,3247	754,375m	528761,0413	7809446,9340	751,749m
PARÁ DE MINAS - MG	528800,3213	7809476,1565	755,305m	528768,7695	7809465,3805	752,297m
PARÁ DE MINAS - MG	528808,1497	7809477,8830	756,483m	528776,4978	7809483,8271	754,554m
PARÁ DE MINAS - MG	528818,2943	7809480,1204	758,008m	528776,8637	7809484,7006	754,737m
PARÁ DE MINAS - MG	528827,8284	7809481,3387	759,523m	528792,4318	7809494,8971	756,550m
PARÁ DE MINAS - MG	528847,6671	7809483,8738	761,875m	528792,8643	7809494,9925	756,581m
PARÁ DE MINAS - MG	528855,8508	7809484,9196	762,731m	528812,3949	7809499,2999	759,148m
PARÁ DE MINAS - MG	528867,4560	7809486,7568	764,097m	528814,8661	7809499,8449	759,641m
PARÁ DE MINAS - MG	528887,2100	7809489,8840	766,700m	528832,1946	7809502,0593	762,313m
PARÁ DE MINAS - MG	528894,5796	7809491,0507	767,887m	528852,0333	7809504,5944	765,200m
PARÁ DE MINAS - MG	528906,6583	7809494,4155	769,908m	528853,0190	7809504,7204	765,370m
PARÁ DE MINAS - MG	528923,5667	7809499,1257	771,853m	528871,7915	7809507,6922	767,439m
PARÁ DE MINAS - MG	528925,9134	7809499,8218	772,013m	528890,3184	7809510,6252	769,443m
PARÁ DE MINAS - MG	528943,4816	7809505,0336	772,195m	528891,5152	7809510,9586	769,709m
PARÁ DE MINAS - MG	528945,1566	7809505,0405	772,248m	528910,7816	7809516,3256	771,025m
PARÁ DE MINAS - MG	528960,4705	7809505,1029	772,183m	528918,0387	7809518,3473	771,028m
PARÁ DE MINAS - MG	528965,0778	7809504,2480	772,158m	528929,9905	7809521,8929	770,485m
PARÁ DE MINAS - MG	528979,9705	7809501,4846	772,269m	528940,5377	7809525,0218	769,985m
PARÁ DE MINAS - MG	528984,6349	7809500,1443	772,311m	528949,5361	7809525,0585	769,947m
PARÁ DE MINAS - MG	529003,8572	7809494,6212	772,584m	528962,2699	7809525,1104	770,307m
PARÁ DE MINAS - MG	529023,0794	7809489,0981	773,024m	528969,4140	7809523,7848	770,484m
PARÁ DE MINAS - MG	529032,2659	7809486,4586	773,252m	528984,5671	7809520,9730	770,819m
PARÁ DE MINAS - MG	529042,5101	7809484,4368	773,201m	528988,9769	7809519,7059	770,947m
PARÁ DE MINAS - MG	529058,3458	7809481,3115	773,441m	529008,1992	7809514,1828	771,560m
PARÁ DE MINAS - MG	529062,1659	7809480,7659	773,441m	529027,4214	7809508,6597	771,721m
PARÁ DE MINAS - MG	529068,5326	7809479,8567	773,560m	529036,9722	7809505,9155	771,886m
PARÁ DE MINAS - MG	529082,0795	7809479,0875	773,907m	529046,8446	7809503,9671	771,954m
PARÁ DE MINAS - MG	529083,4419	7809479,0101	773,937m	529061,6982	7809501,0357	771,966m
PARÁ DE MINAS - MG	529102,0645	7809479,7015	774,074m	529066,5093	7809500,3486	771,978m
PARÁ DE MINAS - MG	529109,3633	7809479,9725	773,858m	529070,5168	7809499,7762	771,998m
PARÁ DE MINAS - MG	529122,0577	7809479,7597	773,819m	529083,6382	7809499,0312	772,506m
PARÁ DE MINAS - MG	529142,0549	7809479,4245	774,077m	529086,4455	7809499,1354	772,519m
PARÁ DE MINAS - MG	529151,2585	7809479,2702	774,178m	529106,4318	7809499,8774	772,875m
PARÁ DE MINAS - MG	529161,8593	7809477,2314	773,997m	529109,1597	7809499,9787	772,918m
PARÁ DE MINAS - MG	529170,8043	7809475,5111	774,199m	529126,4275	7809499,6893	772,965m
PARÁ DE MINAS - MG	529181,0965	7809471,9494	774,452m	529146,4246	7809499,3540	772,979m
PARÁ DE MINAS - MG	529185,9617	7809470,2658	774,581m	529153,3302	7809499,2383	772,991m
PARÁ DE MINAS - MG	529199,0535	7809463,2529	775,175m	529166,1880	7809496,7654	773,430m
PARÁ DE MINAS - MG	529202,6368	7809461,3335	775,292m	529175,9897	7809494,8804	773,856m
PARÁ DE MINAS - MG	529216,1338	7809452,8627	776,069m	529185,4575	7809491,6040	773,882m
PARÁ DE MINAS - MG	529223,2202	7809448,4152	776,278m	529194,0044	7809488,6463	773,896m
PARÁ DE MINAS - MG	529231,5665	7809440,3110	776,783m	529203,6619	7809483,4730	773,974m
PARÁ DE MINAS - MG	529241,6296	7809430,5397	776,788m	529212,6864	7809478,6389	774,244m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	529245,2924	7809425,8210	776,698m	529220,9551	7809473,4494	774,660m
PARÁ DE MINAS - MG	529249,2257	7809420,7538	776,856m	529235,6390	7809464,2337	775,186m
PARÁ DE MINAS - MG	529261,4191	7809414,7636	777,638m	529237,5501	7809462,3780	775,320m
PARÁ DE MINAS - MG	529270,8820	7809410,1148	778,563m	529251,8988	7809448,4455	775,374m
PARÁ DE MINAS - MG	529279,6754	7809406,6349	778,990m	529256,5684	7809443,9113	775,467m
PARÁ DE MINAS - MG	529298,2720	7809399,2752	779,181m	529262,1914	7809436,6673	775,858m
PARÁ DE MINAS - MG	529312,6139	7809393,5994	778,984m	529266,0696	7809434,7621	775,966m
PARÁ DE MINAS - MG	529316,9363	7809392,0976	778,755m	529278,9840	7809428,4177	776,560m
PARÁ DE MINAS - MG	529335,8284	7809385,5335	778,245m	529284,2017	7809426,3528	776,743m
PARÁ DE MINAS - MG	529354,7205	7809378,9693	777,675m	529302,7983	7809418,9932	776,916m
PARÁ DE MINAS - MG	529373,6126	7809372,4052	777,653m	529319,5790	7809412,3523	776,894m
PARÁ DE MINAS - MG	529376,7030	7809371,3314	777,605m	529321,4238	7809411,7112	776,841m
PARÁ DE MINAS - MG	529392,9038	7809367,1633	777,311m	529340,3160	7809405,1471	776,431m
PARÁ DE MINAS - MG	529393,6294	7809366,9766	777,293m	529359,2081	7809398,5830	776,085m
PARÁ DE MINAS - MG	529412,3380	7809362,4401	776,583m	529378,1002	7809392,0188	775,388m
PARÁ DE MINAS - MG	529425,9523	7809359,1389	776,451m	529382,4866	7809390,4947	775,368m
PARÁ DE MINAS - MG	529431,8025	7809357,8467	776,329m	529397,3586	7809386,6685	774,861m
PARÁ DE MINAS - MG	529451,3317	7809353,5328	776,253m	529398,4778	7809386,3806	774,838m
PARÁ DE MINAS - MG	529460,1604	7809351,5825	776,064m	529416,7915	7809381,9398	774,007m
PARÁ DE MINAS - MG	529471,0830	7809350,6974	775,659m	529430,4663	7809378,6240	773,869m
PARÁ DE MINAS - MG	529491,0177	7809349,0819	775,659m	529436,2556	7809377,3451	773,873m
PARÁ DE MINAS - MG	529510,2481	7809347,5235	776,153m	529455,7849	7809373,0312	773,719m
PARÁ DE MINAS - MG	529510,9535	7809347,5634	776,146m	529463,1389	7809371,4067	773,638m
PARÁ DE MINAS - MG	529530,9216	7809348,6923	775,703m	529475,5668	7809370,3996	773,550m
PARÁ DE MINAS - MG	529550,8898	7809349,8213	775,475m	529495,5015	7809368,7841	773,716m
PARÁ DE MINAS - MG	529557,2978	7809350,1836	775,164m	529510,4925	7809367,5693	773,789m
PARÁ DE MINAS - MG	529570,3125	7809354,0668	774,712m	529515,4444	7809367,8492	773,743m
PARÁ DE MINAS - MG	529589,4776	7809359,7852	774,261m	529535,4125	7809368,9782	773,719m
PARÁ DE MINAS - MG	529596,1199	7809361,7670	773,959m	529553,8271	7809370,0193	773,442m
PARÁ DE MINAS - MG	529608,6933	7809365,3296	773,472m	529555,3182	7809370,4642	773,412m
PARÁ DE MINAS - MG	529627,9358	7809370,7819	772,241m	529574,4833	7809376,1825	772,850m
PARÁ DE MINAS - MG	529647,1782	7809376,2341	771,602m	529590,5343	7809380,9717	771,671m
PARÁ DE MINAS - MG	529666,4207	7809381,6864	770,014m	529593,6609	7809381,8576	771,558m
PARÁ DE MINAS - MG	529685,6632	7809387,1386	768,947m	529612,9034	7809387,3099	770,876m
PARÁ DE MINAS - MG	529701,2963	7809391,5682	769,888m	529632,1459	7809392,7621	769,873m
PARÁ DE MINAS - MG	529705,0477	7809391,5849	770,204m	529651,3884	7809398,2144	768,581m
PARÁ DE MINAS - MG	529725,0475	7809391,6740	769,952m	529670,6308	7809403,6666	767,864m
PARÁ DE MINAS - MG	529745,0473	7809391,7631	770,472m	529689,8733	7809409,1189	767,819m
PARÁ DE MINAS - MG	529765,0471	7809391,8522	773,049m	529698,4739	7809411,5558	767,855m
PARÁ DE MINAS - MG	529778,0487	7809391,9101	774,630m	529709,5346	7809411,6051	768,466m
PARÁ DE MINAS - MG	529784,9887	7809392,8118	775,304m	529729,5344	7809411,6942	770,486m
PARÁ DE MINAS - MG	529804,8220	7809395,3887	778,627m	529749,5342	7809411,7833	772,868m
PARÁ DE MINAS - MG	529817,1596	7809396,9917	779,640m	529769,5340	7809411,8724	775,163m
PARÁ DE MINAS - MG	529824,6126	7809395,7321	780,511m	529776,7105	7809411,9043	776,121m
PARÁ DE MINAS - MG	529825,4859	7809395,5845	780,619m	529789,4271	7809413,5566	777,373m
PARÁ DE MINAS - MG	529842,9562	7809387,8292	781,547m	529809,2604	7809416,1334	779,628m
PARÁ DE MINAS - MG	529861,2361	7809379,7146	781,557m	529817,5459	7809417,2100	780,578m
PARÁ DE MINAS - MG	529879,5159	7809371,6000	781,707m	529829,0279	7809415,2695	781,202m
PARÁ DE MINAS - MG	529897,7958	7809363,4853	782,018m	529831,3003	7809414,8855	781,332m
PARÁ DE MINAS - MG	529906,6970	7809359,5340	782,032m	529847,4737	7809407,7059	782,202m
PARÁ DE MINAS - MG	529916,3578	7809356,0758	782,019m	529865,7536	7809399,5912	782,354m
PARÁ DE MINAS - MG	529935,1878	7809349,3354	781,881m	529884,0334	7809391,4766	782,049m
PARÁ DE MINAS - MG	529954,0178	7809342,5950	781,809m	529902,3133	7809383,3620	782,075m
PARÁ DE MINAS - MG	529970,8728	7809336,5616	782,008m	529914,1346	7809378,1143	782,042m
PARÁ DE MINAS - MG	529972,9059	7809336,0454	782,008m	529920,7875	7809375,7329	782,031m
PARÁ DE MINAS - MG	529992,2908	7809331,1232	782,029m	529939,6174	7809368,9925	782,765m
PARÁ DE MINAS - MG	529999,5004	7809329,2926	782,084m	529958,4474	7809362,2522	782,699m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	530011,9601	7809327,6960	782,407m	529976,7173	7809355,7123	782,148m
PARÁ DE MINAS - MG	530014,1060	7809327,4211	782,431m	529977,2939	7809355,5659	782,130m
PARÁ DE MINAS - MG	530031,9082	7809326,3139	782,179m	529996,6787	7809350,6437	781,440m
PARÁ DE MINAS - MG	530036,2998	7809326,0408	782,106m	530003,2462	7809348,9761	781,350m
PARÁ DE MINAS - MG	530051,7469	7809328,2188	781,203m	530015,9997	7809347,3419	781,392m
PARÁ DE MINAS - MG	530071,5510	7809331,0112	779,784m	530016,3653	7809347,3192	781,390m
PARÁ DE MINAS - MG	530091,3551	7809333,8036	778,993m	530035,5164	7809346,1282	781,113m
PARÁ DE MINAS - MG	530108,1830	7809336,1763	778,576m	530036,3204	7809346,2415	781,085m
PARÁ DE MINAS - MG	530111,1774	7809336,4361	778,499m	530056,1245	7809349,0339	780,289m
PARÁ DE MINAS - MG	530131,1026	7809338,1649	778,867m	530075,9286	7809351,8263	779,379m
PARÁ DE MINAS - MG	530151,0277	7809339,8936	778,982m	530095,7327	7809354,6187	778,991m
PARÁ DE MINAS - MG	530161,4737	7809340,7999	779,465m	530105,9208	7809356,0552	778,930m
PARÁ DE MINAS - MG	530170,9880	7809340,7058	779,799m	530115,5956	7809356,8946	778,948m
PARÁ DE MINAS - MG	530190,9870	7809340,5079	781,059m	530135,5207	7809358,6233	778,972m
PARÁ DE MINAS - MG	530194,1545	7809340,4766	781,351m	530155,4459	7809360,3521	779,423m
PARÁ DE MINAS - MG	530210,8193	7809338,1072	782,698m	530160,7065	7809360,8085	779,740m
PARÁ DE MINAS - MG	530221,8690	7809336,5362	782,791m	530175,4254	7809360,6629	780,564m
PARÁ DE MINAS - MG	530230,4619	7809334,4644	782,960m	530195,4244	7809360,4650	781,861m
PARÁ DE MINAS - MG	530246,9766	7809330,4826	783,007m	530195,6676	7809360,4626	781,879m
PARÁ DE MINAS - MG	530249,7503	7809329,3081	783,010m	530215,2277	7809357,6816	783,018m
PARÁ DE MINAS - MG	530268,1671	7809321,5093	783,001m	530225,6291	7809356,2028	783,077m
PARÁ DE MINAS - MG	530273,2295	7809319,3656	783,002m	530234,8586	7809353,9775	782,996m
PARÁ DE MINAS - MG	530286,1807	7809312,8398	783,241m	530253,2621	7809349,5403	783,004m
PARÁ DE MINAS - MG	530295,1733	7809308,3086	783,568m	530254,2466	7809349,1234	783,005m
PARÁ DE MINAS - MG	530303,2169	7809302,4853	783,974m	530272,6634	7809341,3246	783,044m
PARÁ DE MINAS - MG	530319,4171	7809290,7569	785,003m	530281,6379	7809337,5242	783,259m
PARÁ DE MINAS - MG	530329,3904	7809283,5365	785,680m	530290,7952	7809332,9101	783,476m
PARÁ DE MINAS - MG	530335,5604	7809278,9511	786,111m	530305,6038	7809325,4484	783,822m
PARÁ DE MINAS - MG	530347,2085	7809270,2946	786,923m	530308,3722	7809323,4442	783,871m
PARÁ DE MINAS - MG	530350,1668	7809265,6728	787,050m	530324,5723	7809311,7158	784,431m
PARÁ DE MINAS - MG	530360,9486	7809248,8278	788,136m	530340,7725	7809299,9874	785,480m
PARÁ DE MINAS - MG	530361,4125	7809248,1031	788,197m	530341,2200	7809299,6634	785,513m
PARÁ DE MINAS - MG	530370,9337	7809231,4999	789,549m	530356,8290	7809288,0632	786,465m
PARÁ DE MINAS - MG	530380,5366	7809214,7542	791,037m	530362,0785	7809284,1619	786,684m
PARÁ DE MINAS - MG	530380,8738	7809214,1450	791,089m	530369,3344	7809272,8257	787,104m
PARÁ DE MINAS - MG	530390,5607	7809196,6474	792,861m	530378,5199	7809258,4748	787,719m
PARÁ DE MINAS - MG	530400,2476	7809179,1499	795,027m	530379,9930	7809255,9060	787,874m
PARÁ DE MINAS - MG	530409,9344	7809161,6523	797,411m	530389,9423	7809238,5563	789,197m
PARÁ DE MINAS - MG	530414,6264	7809153,1772	798,613m	530397,9612	7809224,5728	790,760m
PARÁ DE MINAS - MG	530422,0464	7809146,0150	799,911m	530399,8406	7809221,1779	791,136m
PARÁ DE MINAS - MG	530436,4364	7809132,1252	801,820m	530409,5275	7809203,6804	792,916m
PARÁ DE MINAS - MG	530439,0543	7809129,5983	802,138m	530419,2144	7809186,1828	794,905m
PARÁ DE MINAS - MG	530451,7076	7809119,2256	803,235m	530428,9012	7809168,6852	797,019m
PARÁ DE MINAS - MG	530462,7765	7809110,1519	804,114m	530430,6724	7809165,4859	797,498m
PARÁ DE MINAS - MG	530467,9262	7809107,7382	804,209m	530442,4313	7809154,1357	798,685m
PARÁ DE MINAS - MG	530484,3576	7809100,0367	804,481m	530452,3607	7809144,5514	799,706m
PARÁ DE MINAS - MG	530486,1294	7809099,4931	804,408m	530457,1552	7809140,6211	800,048m
PARÁ DE MINAS - MG	530505,2497	7809093,6268	804,016m	530472,6224	7809127,9418	801,651m
PARÁ DE MINAS - MG	530505,9470	7809093,4129	804,006m	530473,5251	7809127,2018	801,747m
PARÁ DE MINAS - MG	530525,1130	7809091,4077	802,883m	530490,5777	7809119,2092	802,720m
PARÁ DE MINAS - MG	530545,0044	7809089,3266	802,310m	530491,5704	7809118,7439	802,765m
PARÁ DE MINAS - MG	530562,9163	7809087,4526	801,517m	530509,6426	7809113,1992	803,033m
PARÁ DE MINAS - MG	530564,8775	7809087,1129	801,448m	530509,9581	7809113,1024	803,033m
PARÁ DE MINAS - MG	530584,5840	7809083,6994	800,852m	530529,5213	7809111,0556	803,043m
PARÁ DE MINAS - MG	530588,5025	7809083,0207	800,724m	530549,4127	7809108,9745	803,019m
PARÁ DE MINAS - MG	530604,0306	7809079,0683	800,220m	530565,6667	7809107,2740	803,004m
PARÁ DE MINAS - MG	530623,4126	7809074,1349	800,031m	530569,2704	7809106,6498	802,938m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	530631,4866	7809072,0797	800,074m	530588,9769	7809103,2363	802,207m
PARÁ DE MINAS - MG	530642,5375	7809068,3339	800,192m	530592,6822	7809102,5945	802,129m
PARÁ DE MINAS - MG	530661,4789	7809061,9134	800,086m	530608,4199	7809098,5887	801,868m
PARÁ DE MINAS - MG	530680,4203	7809055,4929	800,289m	530627,8019	7809093,6553	801,749m
PARÁ DE MINAS - MG	530699,3618	7809049,0724	800,607m	530637,1721	7809091,2703	801,882m
PARÁ DE MINAS - MG	530718,3032	7809042,6519	800,707m	530646,9563	7809087,9538	802,021m
PARÁ DE MINAS - MG	530720,4419	7809041,9270	800,728m	530665,8978	7809081,5333	802,284m
PARÁ DE MINAS - MG	530736,6878	7809034,7967	800,599m	530684,8392	7809075,1128	802,573m
PARÁ DE MINAS - MG	530755,0015	7809026,7589	799,740m	530703,7806	7809068,6923	802,908m
PARÁ DE MINAS - MG	530773,3153	7809018,7210	798,677m	530722,7220	7809062,2718	803,117m
PARÁ DE MINAS - MG	530774,0757	7809018,3873	798,627m	530727,6847	7809060,5896	803,106m
PARÁ DE MINAS - MG	530792,7175	7809013,9201	798,227m	530741,2002	7809054,6577	802,722m
PARÁ DE MINAS - MG	530793,6281	7809013,7019	798,185m	530759,5140	7809046,6199	802,308m
PARÁ DE MINAS - MG	530812,6732	7809014,5422	797,752m	530777,8277	7809038,5821	801,088m
PARÁ DE MINAS - MG	530821,4473	7809014,9293	797,373m	530780,4758	7809037,4199	800,881m
PARÁ DE MINAS - MG	530832,5725	7809016,3641	797,081m	530795,5550	7809033,8064	800,114m
PARÁ DE MINAS - MG	530852,4082	7809018,9224	796,421m	530797,1554	7809033,8770	800,079m
PARÁ DE MINAS - MG	530872,2439	7809021,4806	795,433m	530817,1360	7809034,7585	799,680m
PARÁ DE MINAS - MG	530878,4331	7809022,2788	795,222m	530819,7244	7809034,8727	799,662m
PARÁ DE MINAS - MG	530891,8683	7809025,2491	795,045m	530836,9905	7809037,0996	798,965m
PARÁ DE MINAS - MG	530891,9619	7809025,2697	795,044m	530856,8262	7809039,6578	798,255m
PARÁ DE MINAS - MG	530911,1546	7809029,3602	794,479m	530874,9884	7809042,0002	797,612m
PARÁ DE MINAS - MG	530911,4344	7809029,3781	794,467m	530876,6360	7809042,3645	797,588m
PARÁ DE MINAS - MG	530925,7336	7809030,2934	794,179m	530887,7188	7809044,8146	797,606m
PARÁ DE MINAS - MG	530931,3128	7809029,2742	794,045m	530896,1784	7809046,6176	797,499m
PARÁ DE MINAS - MG	530939,2586	7809027,8228	793,962m	530908,4168	7809049,2259	796,904m
PARÁ DE MINAS - MG	530949,5900	7809021,8719	793,750m	530915,8882	7809049,7041	796,442m
PARÁ DE MINAS - MG	530950,6462	7809021,2636	793,754m	530926,9092	7809050,4096	795,745m
PARÁ DE MINAS - MG	530967,2591	7809012,5033	794,027m	530935,7199	7809048,8002	795,094m
PARÁ DE MINAS - MG	530974,8260	7809008,5132	794,235m	530946,2490	7809046,8768	795,415m
PARÁ DE MINAS - MG	530985,0369	7809003,3423	794,571m	530954,3048	7809042,2367	796,116m
PARÁ DE MINAS - MG	531002,8795	7808994,3067	795,015m	530960,3051	7809038,7806	796,280m
PARÁ DE MINAS - MG	531007,7242	7808991,8533	795,172m	530971,8711	7809032,6816	797,007m
PARÁ DE MINAS - MG	531020,9623	7808985,7687	795,995m	530984,0088	7809026,2812	796,938m
PARÁ DE MINAS - MG	531039,1347	7808977,4161	797,171m	530989,6098	7809023,4448	796,858m
PARÁ DE MINAS - MG	531051,2506	7808971,8472	798,101m	531007,4524	7809014,4093	798,248m
PARÁ DE MINAS - MG	531057,3967	7808969,2675	798,493m	531016,4215	7809009,8673	798,381m
PARÁ DE MINAS - MG	531060,1896	7808968,0952	798,683m	531025,4589	7809005,7134	798,813m
PARÁ DE MINAS - MG	531075,5580	7808963,5838	799,831m	531043,6313	7808997,3607	799,926m
PARÁ DE MINAS - MG	531076,5012	7808963,4393	799,918m	531059,2994	7808990,1592	801,149m
PARÁ DE MINAS - MG	531096,2705	7808960,4103	801,200m	531061,8407	7808989,0925	801,115m
PARÁ DE MINAS - MG	531111,4961	7808958,0774	801,621m	531066,8974	7808986,9701	800,870m
PARÁ DE MINAS - MG	531115,9017	7808956,7660	801,800m	531079,9086	7808983,1507	802,444m
PARÁ DE MINAS - MG	531130,7914	7808952,3338	801,977m	531080,8533	7808983,0059	802,655m
PARÁ DE MINAS - MG	531134,7640	7808950,2963	801,800m	531100,6226	7808979,9769	804,039m
PARÁ DE MINAS - MG	531152,5599	7808941,1690	801,680m	531115,8843	7808977,6385	803,680m
PARÁ DE MINAS - MG	531160,9650	7808936,8580	801,573m	531120,2550	7808976,3375	803,491m
PARÁ DE MINAS - MG	531169,9808	7808931,3718	801,736m	531138,2716	7808970,9745	803,051m
PARÁ DE MINAS - MG	531174,7811	7808928,4507	801,694m	531139,3412	7808970,4258	803,018m
PARÁ DE MINAS - MG	531183,4643	7808922,1373	801,419m	531157,1371	7808961,2985	802,769m
PARÁ DE MINAS - MG	531186,3154	7808919,8664	801,289m	531170,7400	7808954,3217	802,570m
PARÁ DE MINAS - MG	531190,4313	7808916,5883	801,125m	531174,7655	7808951,8721	802,523m
PARÁ DE MINAS - MG	531201,3191	7808906,6551	801,058m	531185,8789	7808945,1094	802,539m
PARÁ DE MINAS - MG	531205,0653	7808903,2373	801,099m	531191,5330	7808940,9984	802,516m
PARÁ DE MINAS - MG	531214,5301	7808891,6920	800,928m	531195,5809	7808938,0552	802,540m
PARÁ DE MINAS - MG	531216,0585	7808889,8276	800,990m	531203,4157	7808931,8151	802,437m
PARÁ DE MINAS - MG	531221,6284	7808880,3590	801,026m	531207,0940	7808928,4593	802,465m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	531224,7906	7808874,5615	801,022m	531219,6145	7808917,0365	802,979m
PARÁ DE MINAS - MG	531232,6638	7808860,1268	801,220m	531221,5493	7808914,6764	803,122m
PARÁ DE MINAS - MG	531233,9300	7808856,8020	801,274m	531232,5098	7808901,3065	804,009m
PARÁ DE MINAS - MG	531240,6710	7808839,1023	801,469m	531233,8847	7808898,9693	803,969m
PARÁ DE MINAS - MG	531240,9743	7808838,0866	801,481m	531239,0313	7808890,2203	803,619m
PARÁ DE MINAS - MG	531246,6967	7808818,9227	801,789m	531243,7476	7808881,5734	803,425m
PARÁ DE MINAS - MG	531247,9897	7808814,5928	801,902m	531250,8714	7808868,5127	803,475m
PARÁ DE MINAS - MG	531251,8644	7808799,6043	802,651m	531252,6947	7808863,7253	803,440m
PARÁ DE MINAS - MG	531253,4677	7808793,4021	802,709m	531259,6238	7808845,5314	803,488m
PARÁ DE MINAS - MG	531257,1288	7808780,3105	802,910m	531259,7759	7808845,0223	803,498m
PARÁ DE MINAS - MG	531259,0609	7808773,4012	803,173m	531265,4983	7808825,8584	804,398m
PARÁ DE MINAS - MG	531263,1801	7808761,2551	803,925m	531267,2600	7808819,9587	804,311m
PARÁ DE MINAS - MG	531264,4657	7808757,4643	804,222m	531270,7246	7808806,5564	804,563m
PARÁ DE MINAS - MG	531270,4273	7808742,6194	805,562m	531272,7818	7808798,5986	805,100m
PARÁ DE MINAS - MG	531272,7606	7808736,8092	805,986m	531275,9545	7808787,2533	806,328m
PARÁ DE MINAS - MG	531281,5500	7808726,2498	807,447m	531278,1757	7808779,3104	807,288m
PARÁ DE MINAS - MG	531282,1599	7808725,5171	807,533m	531281,9503	7808768,1807	808,513m
PARÁ DE MINAS - MG	531292,1836	7808709,3214	808,895m	531283,2298	7808764,4078	808,716m
PARÁ DE MINAS - MG	531292,8560	7808708,2349	808,970m	531289,1983	7808749,5454	809,109m
PARÁ DE MINAS - MG	531302,9847	7808692,4890	808,806m	531291,1445	7808744,6993	809,277m
PARÁ DE MINAS - MG	531313,8046	7808675,6685	809,238m	531297,2907	7808731,2604	810,068m
PARÁ DE MINAS - MG	531314,9070	7808673,9547	809,269m	531298,1609	7808729,3577	810,176m
PARÁ DE MINAS - MG	531325,5851	7808659,5110	809,771m	531305,1515	7808715,7929	810,904m
PARÁ DE MINAS - MG	531337,1792	7808643,8283	810,375m	531306,5476	7808713,5433	810,983m
PARÁ DE MINAS - MG	531337,4767	7808643,4303	810,378m	531317,0933	7808696,5495	810,646m
PARÁ DE MINAS - MG	531349,4532	7808627,4127	810,829m	531326,2539	7808681,7877	810,536m
PARÁ DE MINAS - MG	531361,4297	7808611,3952	811,727m	531327,8393	7808679,6932	810,624m
PARÁ DE MINAS - MG	531366,4148	7808604,7280	811,796m	531339,9095	7808663,7461	811,213m
PARÁ DE MINAS - MG	531373,4235	7808595,3905	811,992m	531348,5970	7808652,2682	811,765m
PARÁ DE MINAS - MG	531385,4296	7808579,3951	811,987m	531351,9589	7808647,7834	811,972m
PARÁ DE MINAS - MG	531390,3551	7808572,8330	811,992m	531363,9552	7808631,7806	812,905m
PARÁ DE MINAS - MG	531398,8552	7808564,6556	811,993m	531375,9515	7808615,7778	812,971m
PARÁ DE MINAS - MG	531413,2684	7808550,7897	812,321m	531385,7042	7808602,7681	812,076m
PARÁ DE MINAS - MG	531415,8636	7808548,2930	812,271m	531387,9800	7808599,7995	811,999m
PARÁ DE MINAS - MG	531431,4512	7808543,1991	811,986m	531400,1486	7808583,9273	812,363m
PARÁ DE MINAS - MG	531436,8221	7808541,4439	811,969m	531402,6554	7808580,6575	812,535m
PARÁ DE MINAS - MG	531450,7542	7808538,0077	811,850m	531415,9886	7808572,0322	813,685m
PARÁ DE MINAS - MG	531459,5128	7808535,8475	811,783m	531424,5455	7808566,4967	813,888m
PARÁ DE MINAS - MG	531470,4507	7808534,8997	811,849m	531433,8690	7808563,4499	813,923m
PARÁ DE MINAS - MG	531479,0972	7808534,1505	811,822m	531442,3306	7808560,6847	813,793m
PARÁ DE MINAS - MG	531490,4035	7808534,7299	811,723m	531453,1057	7808558,0271	813,641m
PARÁ DE MINAS - MG	531500,9378	7808535,2698	811,290m	531462,7905	7808555,6384	813,461m
PARÁ DE MINAS - MG	531510,3886	7808535,1269	810,725m	531472,7781	7808554,7730	813,669m
PARÁ DE MINAS - MG	531525,0161	7808534,9056	810,056m	531479,4504	7808554,1949	813,660m
PARÁ DE MINAS - MG	531530,3840	7808535,0832	809,896m	531492,7356	7808554,8757	813,177m
PARÁ DE MINAS - MG	531540,2453	7808535,4095	809,215m	531500,5768	7808555,2775	812,703m
PARÁ DE MINAS - MG	531549,9997	7808532,6644	807,475m	531512,7240	7808555,0938	811,465m
PARÁ DE MINAS - MG	531554,3361	7808531,4441	806,908m	531524,8366	7808554,9106	810,257m
PARÁ DE MINAS - MG	531566,6105	7808526,8817	805,937m	531532,7183	7808555,1714	809,650m
PARÁ DE MINAS - MG	531568,7805	7808525,8560	805,690m	531542,6806	7808555,5010	809,079m
PARÁ DE MINAS - MG	531586,8624	7808517,3092	805,002m	531552,3377	7808552,7833	808,395m
PARÁ DE MINAS - MG	531588,0107	7808516,7664	805,025m	531560,5395	7808550,4752	807,771m
PARÁ DE MINAS - MG	531602,6331	7808508,7644	804,435m	531571,2998	7808546,4756	807,400m
PARÁ DE MINAS - MG	531604,2892	7808507,5374	804,416m	531574,3822	7808545,3299	807,252m
PARÁ DE MINAS - MG	531620,3593	7808495,6314	805,080m	531589,4910	7808538,1884	807,005m
PARÁ DE MINAS - MG	531627,2915	7808490,4955	805,042m	531597,0927	7808534,5953	807,000m
PARÁ DE MINAS - MG	531636,0919	7808483,2922	804,934m	531607,2615	7808529,0304	806,452m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	531644,1251	7808476,7169	805,312m	531613,4372	7808525,6508	805,999m
PARÁ DE MINAS - MG	531652,4969	7808471,9802	806,139m	531623,8506	7808517,9357	806,000m
PARÁ DE MINAS - MG	531667,0384	7808463,7528	808,005m	531639,5856	7808506,2781	806,000m
PARÁ DE MINAS - MG	531670,3222	7808463,5156	808,426m	531639,9084	7808506,0139	806,000m
PARÁ DE MINAS - MG	531682,4037	7808462,6428	809,786m	531655,3850	7808493,3460	805,892m
PARÁ DE MINAS - MG	531690,2619	7808463,3159	810,814m	531655,4661	7808493,2796	805,900m
PARÁ DE MINAS - MG	531704,4589	7808464,5320	812,519m	531672,7818	7808483,4825	807,569m
PARÁ DE MINAS - MG	531710,1181	7808465,5557	813,462m	531672,9692	7808483,3765	807,589m
PARÁ DE MINAS - MG	531723,6664	7808468,0064	815,917m	531682,2699	7808482,7046	808,358m
PARÁ DE MINAS - MG	531729,8302	7808468,9247	816,791m	531692,6915	7808483,5972	809,448m
PARÁ DE MINAS - MG	531747,0686	7808471,4926	817,243m	531701,8197	7808484,3791	810,529m
PARÁ DE MINAS - MG	531749,6330	7808471,6819	817,281m	531712,4850	7808486,3084	812,059m
PARÁ DE MINAS - MG	531769,5787	7808473,1545	819,131m	531720,4121	7808487,7424	813,290m
PARÁ DE MINAS - MG	531772,4891	7808473,3694	819,367m	531732,2260	7808489,5022	814,525m
PARÁ DE MINAS - MG	531789,5707	7808473,3093	820,588m	531744,8559	7808491,3837	815,351m
PARÁ DE MINAS - MG	531798,9445	7808473,2763	821,100m	531752,0670	7808491,9161	815,803m
PARÁ DE MINAS - MG	531809,2819	7808473,9922	821,439m	531771,7870	7808493,3720	819,028m
PARÁ DE MINAS - MG	531809,5416	7808474,0398	821,455m	531772,0133	7808493,3712	819,039m
PARÁ DE MINAS - MG	531824,2252	7808476,7264	823,722m	531792,0132	7808493,3008	820,355m
PARÁ DE MINAS - MG	531829,1948	7808477,7435	824,553m	531798,2878	7808493,2787	820,664m
PARÁ DE MINAS - MG	531840,3088	7808480,0184	826,085m	531806,7834	7808493,8671	820,996m
PARÁ DE MINAS - MG	531848,5654	7808482,6159	827,460m	531811,9077	7808494,8047	821,296m
PARÁ DE MINAS - MG	531856,7341	7808485,1858	828,614m	531820,4197	7808496,3621	821,945m
PARÁ DE MINAS - MG	531866,8865	7808490,4511	829,903m	531831,5360	7808498,6374	823,244m
PARÁ DE MINAS - MG	531872,5536	7808493,3903	830,639m	531835,2893	7808499,4056	823,817m
PARÁ DE MINAS - MG	531884,1644	7808500,5027	831,667m	531849,0715	7808503,7415	826,848m
PARÁ DE MINAS - MG	531893,0674	7808505,9563	832,466m	531850,5990	7808504,5337	827,280m
PARÁ DE MINAS - MG	531900,2898	7808512,2189	832,696m	531862,7136	7808510,8168	828,953m
PARÁ DE MINAS - MG	531907,6395	7808518,5917	832,915m	531868,1310	7808514,1352	829,209m
PARÁ DE MINAS - MG	531915,6537	7808525,0174	833,169m	531881,2125	7808522,1485	830,457m
PARÁ DE MINAS - MG	531924,0830	7808531,7758	833,047m	531884,7327	7808525,2009	830,789m
PARÁ DE MINAS - MG	531930,3663	7808538,4903	832,512m	531894,8281	7808533,9546	831,293m
PARÁ DE MINAS - MG	531936,2123	7808544,7376	831,973m	531900,0070	7808538,1069	831,466m
PARÁ DE MINAS - MG	531943,3300	7808553,6989	831,314m	531910,4567	7808546,4852	831,632m
PARÁ DE MINAS - MG	531945,8681	7808556,8946	831,002m	531914,9705	7808551,3089	831,527m
PARÁ DE MINAS - MG	531953,5520	7808570,8363	829,737m	531921,0552	7808557,8112	831,287m
PARÁ DE MINAS - MG	531954,1811	7808571,9778	829,626m	531927,9556	7808566,4990	830,776m
PARÁ DE MINAS - MG	531963,9768	7808587,9029	828,126m	531929,1627	7808568,0188	830,593m
PARÁ DE MINAS - MG	531974,4553	7808604,9382	826,788m	531936,8957	7808582,0496	829,040m
PARÁ DE MINAS - MG	531984,9338	7808621,9735	825,102m	531937,9637	7808583,7859	828,810m
PARÁ DE MINAS - MG	531990,4326	7808630,9131	824,134m	531948,4422	7808600,8212	827,430m
PARÁ DE MINAS - MG	531995,0207	7808639,2370	823,474m	531958,9207	7808617,8564	825,826m
PARÁ DE MINAS - MG	532004,6751	7808656,7525	821,941m	531969,3992	7808634,8917	823,908m
PARÁ DE MINAS - MG	532006,5387	7808660,1334	821,671m	531973,1474	7808640,9853	823,008m
PARÁ DE MINAS - MG	532014,9056	7808673,9348	820,675m	531979,3484	7808652,2354	821,522m
PARÁ DE MINAS - MG	532015,7418	7808675,3141	820,592m	531989,0029	7808669,7509	819,642m
PARÁ DE MINAS - MG	532027,0303	7808682,0551	819,649m	531989,2223	7808670,1490	819,615m
PARÁ DE MINAS - MG	532032,2691	7808682,0137	819,244m	531999,3549	7808686,8629	819,345m
PARÁ DE MINAS - MG	532040,7693	7808681,9466	818,420m	532001,2176	7808689,9355	819,408m
PARÁ DE MINAS - MG	532052,1721	7808680,4582	817,055m	532015,3040	7808698,3473	819,913m
PARÁ DE MINAS - MG	532054,4836	7808680,1565	816,709m	532021,5862	7808702,0987	819,644m
PARÁ DE MINAS - MG	532071,6706	7808676,0582	814,087m	532034,2688	7808701,9986	819,388m
PARÁ DE MINAS - MG	532076,2958	7808674,9552	813,398m	532042,1477	7808701,9363	819,001m
PARÁ DE MINAS - MG	532090,8940	7808670,5613	810,666m	532054,1666	7808700,3676	817,141m
PARÁ DE MINAS - MG	532094,7971	7808669,3865	810,001m	532058,1073	7808699,8532	816,537m
PARÁ DE MINAS - MG	532108,8641	7808661,9239	807,647m	532073,6961	7808696,1359	814,134m
PARÁ DE MINAS - MG	532110,3568	7808661,1320	807,378m	532081,5019	7808694,2746	812,725m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	532120,6006	7808651,4655	805,637m	532092,9690	7808690,8231	810,572m
PARÁ DE MINAS - MG	532122,9313	7808647,9408	805,279m	532102,4384	7808687,9729	808,643m
PARÁ DE MINAS - MG	532130,7943	7808636,0500	803,721m	532111,3703	7808683,2344	806,935m
PARÁ DE MINAS - MG	532133,6811	7808631,0835	803,065m	532122,1173	7808677,5331	805,417m
PARÁ DE MINAS - MG	532143,7316	7808613,7923	800,952m	532127,8153	7808672,1562	804,359m
PARÁ DE MINAS - MG	532145,2643	7808611,1554	800,618m	532136,0081	7808664,4252	802,901m
PARÁ DE MINAS - MG	532153,0309	7808596,0894	798,816m	532140,8263	7808657,1388	802,083m
PARÁ DE MINAS - MG	532155,2504	7808591,7839	798,320m	532147,7953	7808646,5999	800,847m
PARÁ DE MINAS - MG	532162,8027	7808578,6435	796,447m	532151,4966	7808640,2321	800,279m
PARÁ DE MINAS - MG	532163,9502	7808576,6469	796,055m	532161,5471	7808622,9409	798,445m
PARÁ DE MINAS - MG	532169,7760	7808559,9362	792,882m	532162,8096	7808620,7688	798,253m
PARÁ DE MINAS - MG	532169,8756	7808559,6507	792,812m	532170,8225	7808605,2249	796,356m
PARÁ DE MINAS - MG	532177,0664	7808543,3190	791,799m	532172,8180	7808601,3539	795,691m
PARÁ DE MINAS - MG	532177,9463	7808541,6882	791,843m	532180,6139	7808587,7897	793,220m
PARÁ DE MINAS - MG	532185,1326	7808528,3686	791,314m	532182,2207	7808584,9940	792,792m
PARÁ DE MINAS - MG	532188,4899	7808524,8471	791,314m	532187,7431	7808569,1536	789,841m
PARÁ DE MINAS - MG	532194,5235	7808518,5187	792,368m	532188,4996	7808566,9839	789,393m
PARÁ DE MINAS - MG	532203,9332	7808512,3413	792,933m	532195,0481	7808552,1110	786,300m
PARÁ DE MINAS - MG	532204,5703	7808511,9231	792,938m	532195,7373	7808550,8336	786,090m
PARÁ DE MINAS - MG	532221,5865	7808502,9484	792,300m	532201,4599	7808540,2270	785,857m
PARÁ DE MINAS - MG	532223,1084	7808502,1458	792,206m	532206,9444	7808534,4744	786,130m
PARÁ DE MINAS - MG	532238,9789	7808493,0757	791,770m	532207,4164	7808533,9793	786,145m
PARÁ DE MINAS - MG	532256,3432	7808483,1519	791,372m	532214,7466	7808529,1672	785,948m
PARÁ DE MINAS - MG	532260,1420	7808480,9809	791,212m	532224,0759	7808524,2467	786,700m
PARÁ DE MINAS - MG	532271,6232	7808473,4839	790,464m	532232,7381	7808519,6781	787,711m
PARÁ DE MINAS - MG	532273,1254	7808472,3004	790,334m	532241,5998	7808514,6136	787,797m
PARÁ DE MINAS - MG	532284,0651	7808463,6815	789,547m	532258,9641	7808504,6898	788,216m
PARÁ DE MINAS - MG	532288,5421	7808459,5782	789,105m	532270,5804	7808498,0510	787,951m
PARÁ DE MINAS - MG	532298,7794	7808450,1955	787,973m	532276,1238	7808494,4313	787,634m
PARÁ DE MINAS - MG	532302,6968	7808445,5021	787,318m	532283,3022	7808489,7440	787,134m
PARÁ DE MINAS - MG	532310,1249	7808436,6027	786,278m	532292,2779	7808482,6724	786,894m
PARÁ DE MINAS - MG	532315,3823	7808430,0412	785,426m	532297,0284	7808478,9298	786,592m
PARÁ DE MINAS - MG	532318,9086	7808425,6403	784,643m	532307,3141	7808469,5026	785,392m
PARÁ DE MINAS - MG	532326,4642	7808413,4280	782,970m	532313,2777	7808464,0369	784,798m
PARÁ DE MINAS - MG	532329,0920	7808409,1805	782,089m	532320,9099	7808454,8929	783,779m
PARÁ DE MINAS - MG	532339,5822	7808398,4513	779,392m	532325,6075	7808449,2648	783,239m
PARÁ DE MINAS - MG	532344,2459	7808393,6813	778,092m	532333,5293	7808439,3780	782,346m
PARÁ DE MINAS - MG	532354,0866	7808384,6912	775,668m	532335,2768	7808437,1971	782,067m
PARÁ DE MINAS - MG	532355,8166	7808383,1107	775,181m	532344,3291	7808422,5656	780,423m
PARÁ DE MINAS - MG	532368,8438	7808371,1922	772,517m	532344,9374	7808421,5823	780,300m
PARÁ DE MINAS - MG	532370,4140	7808369,7556	772,190m	532358,1110	7808408,1086	777,940m
PARÁ DE MINAS - MG	532383,4337	7808357,5127	768,543m	532358,1521	7808408,0666	777,929m
PARÁ DE MINAS - MG	532398,0037	7808343,8118	764,760m	532369,3168	7808397,8668	775,392m
PARÁ DE MINAS - MG	532412,5738	7808330,1109	761,805m	532372,8722	7808394,6140	774,643m
PARÁ DE MINAS - MG	532427,1438	7808316,4101	758,829m	532384,0152	7808384,4194	772,361m
PARÁ DE MINAS - MG	532441,7139	7808302,7092	756,350m	532387,5828	7808381,0646	771,488m
PARÁ DE MINAS - MG	532456,2840	7808289,0084	753,726m	532402,1528	7808367,3638	767,573m
PARÁ DE MINAS - MG	532457,1797	7808288,1661	753,608m	532416,7229	7808353,6629	764,473m
PARÁ DE MINAS - MG	532464,9657	7808281,4968	752,703m	532431,2930	7808339,9621	760,662m
PARÁ DE MINAS - MG	532471,6284	7808276,1889	751,624m	532445,8630	7808326,2612	757,601m
PARÁ DE MINAS - MG	532474,2632	7808274,0898	751,135m	532460,4331	7808312,5604	754,307m
PARÁ DE MINAS - MG	532486,5362	7808262,8661	749,412m	532470,5428	7808303,0538	752,637m
PARÁ DE MINAS - MG	532492,5965	7808257,3239	748,620m	532475,1927	7808299,0707	751,836m
PARÁ DE MINAS - MG	532501,2762	7808249,3482	746,997m	532477,7062	7808296,9177	751,366m
PARÁ DE MINAS - MG	532516,0029	7808235,8159	744,577m	532487,2578	7808289,3083	750,150m
PARÁ DE MINAS - MG	532530,7296	7808222,2835	743,018m	532490,5626	7808286,2861	749,656m
PARÁ DE MINAS - MG	532545,4563	7808208,7512	740,882m	532505,3216	7808272,7890	747,369m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	532560,1831	7808195,2189	738,522m	532506,1112	7808272,0668	747,232m
PARÁ DE MINAS - MG	532574,9098	7808181,6865	735,327m	532520,0500	7808259,2585	744,817m
PARÁ DE MINAS - MG	532579,3234	7808177,6309	734,516m	532534,7767	7808245,7262	742,616m
PARÁ DE MINAS - MG	532587,6922	7808171,9420	733,308m	532549,5034	7808232,1939	740,503m
PARÁ DE MINAS - MG	532591,1866	7808170,2404	732,888m	532564,2301	7808218,6615	738,446m
PARÁ DE MINAS - MG	532598,6763	7808166,5932	732,000m	532578,9569	7808205,1292	736,065m
PARÁ DE MINAS - MG	532608,6828	7808163,0348	730,796m	532591,7777	7808193,3482	733,931m
PARÁ DE MINAS - MG	532609,6872	7808162,7318	730,634m	532593,9183	7808191,8931	733,665m
PARÁ DE MINAS - MG	532628,8350	7808156,9559	727,975m	532597,7440	7808189,2924	733,176m
PARÁ DE MINAS - MG	532629,6651	7808156,7054	727,927m	532606,4291	7808185,0632	731,871m
PARÁ DE MINAS - MG	532647,1060	7808150,0270	726,855m	532611,8128	7808183,1487	731,156m
PARÁ DE MINAS - MG	532647,5284	7808149,8523	726,825m	532614,9250	7808182,0419	730,779m
PARÁ DE MINAS - MG	532666,0098	7808142,2079	726,158m	532630,9104	7808177,2199	728,568m
PARÁ DE MINAS - MG	532676,6423	7808137,8100	726,529m	532636,1376	7808175,6431	727,757m
PARÁ DE MINAS - MG	532682,9006	7808132,0671	727,011m	532649,7163	7808170,4436	726,564m
PARÁ DE MINAS - MG	532684,2128	7808130,8630	727,024m	532654,5055	7808168,6098	726,470m
PARÁ DE MINAS - MG	532689,2639	7808125,8153	727,251m	532668,2480	7808162,9255	726,000m
PARÁ DE MINAS - MG	532695,2906	7808117,9224	727,537m	532686,7294	7808155,2810	726,000m
PARÁ DE MINAS - MG	532696,0478	7808117,0604	727,588m	532687,5570	7808154,9387	726,000m
PARÁ DE MINAS - MG	532703,5180	7808108,5558	728,093m	532698,0489	7808145,3110	726,595m
PARÁ DE MINAS - MG	532708,2904	7808101,3049	729,068m	532701,4898	7808141,8724	726,671m
PARÁ DE MINAS - MG	532711,2301	7808096,8385	729,943m	532704,3478	7808139,0163	726,640m
PARÁ DE MINAS - MG	532717,5501	7808083,6186	731,669m	532710,7699	7808130,6055	726,571m
PARÁ DE MINAS - MG	532726,1762	7808065,5745	733,155m	532714,3186	7808126,5655	726,617m
PARÁ DE MINAS - MG	532734,8024	7808047,5304	733,131m	532719,4607	7808120,7113	726,813m
PARÁ DE MINAS - MG	532743,4286	7808029,4863	734,363m	532726,1726	7808110,5138	727,055m
PARÁ DE MINAS - MG	532743,6348	7808029,0551	734,404m	532728,6860	7808106,6950	727,189m
PARÁ DE MINAS - MG	532751,7734	7808016,6678	736,389m	532735,3404	7808092,7755	728,412m
PARÁ DE MINAS - MG	532755,3459	7808013,6132	736,620m	532743,9666	7808074,7314	729,988m
PARÁ DE MINAS - MG	532770,5466	7808000,6156	737,596m	532752,5928	7808056,6874	731,525m
PARÁ DE MINAS - MG	532771,7972	7807999,5463	737,688m	532761,0942	7808038,9043	733,420m
PARÁ DE MINAS - MG	532782,5393	7807992,7664	738,842m	532761,2531	7808038,6625	733,453m
PARÁ DE MINAS - MG	532787,2601	7807989,6588	740,043m	532766,9292	7808030,0232	734,503m
PARÁ DE MINAS - MG	532795,8435	7807984,0085	741,094m	532774,2733	7808023,7435	734,936m
PARÁ DE MINAS - MG	532803,7555	7807978,3558	741,096m	532783,6953	7808015,6872	735,523m
PARÁ DE MINAS - MG	532809,0515	7807974,5720	741,059m	532790,1251	7808011,6290	735,637m
PARÁ DE MINAS - MG	532818,9524	7807965,4077	741,109m	532793,3761	7808009,5771	735,552m
PARÁ DE MINAS - MG	532820,8191	7807963,6799	741,076m	532806,8704	7808000,6941	735,442m
PARÁ DE MINAS - MG	532830,4572	7807949,1254	741,054m	532807,1593	7808000,5039	735,426m
PARÁ DE MINAS - MG	532830,9278	7807948,4147	741,003m	532821,7081	7807990,1095	734,817m
PARÁ DE MINAS - MG	532837,7035	7807938,2076	740,473m	532823,0097	7807988,9047	734,816m
PARÁ DE MINAS - MG	532840,5854	7807931,9423	740,702m	532836,1678	7807976,7255	734,794m
PARÁ DE MINAS - MG	532843,1424	7807926,3832	740,159m	532837,3110	7807974,9993	734,844m
PARÁ DE MINAS - MG	532847,2666	7807919,0420	738,738m	532847,5969	7807959,4665	734,965m
PARÁ DE MINAS - MG	532850,8258	7807914,9006	737,858m	532848,3547	7807958,3249	734,946m
PARÁ DE MINAS - MG	532855,9156	7807908,9782	736,990m	532855,2249	7807947,9755	734,965m
PARÁ DE MINAS - MG	532864,2907	7807900,1195	736,000m	532858,3916	7807941,0910	735,016m
PARÁ DE MINAS - MG	532873,7504	7807890,1136	737,383m	532860,9749	7807935,4747	734,940m
PARÁ DE MINAS - MG	532878,9420	7807886,6691	738,287m	532863,7300	7807930,5705	734,756m
PARÁ DE MINAS - MG	532887,9720	7807880,6778	739,739m	532869,0700	7807924,3569	734,181m
PARÁ DE MINAS - MG	532895,7909	7807875,8999	739,817m	532870,7746	7807922,3735	734,067m
PARÁ DE MINAS - MG	532908,4336	7807868,1743	740,429m	532882,7179	7807909,7406	735,764m
PARÁ DE MINAS - MG	532912,3792	7807864,8124	740,926m	532886,7129	7807905,5150	736,446m
PARÁ DE MINAS - MG	532924,0316	7807854,8838	742,660m	532898,5327	7807897,6727	737,916m
PARÁ DE MINAS - MG	532927,7300	7807851,9975	743,224m	532898,7187	7807897,5493	737,940m
PARÁ DE MINAS - MG	532934,6809	7807846,5729	744,192m	532915,5942	7807887,2372	739,306m
PARÁ DE MINAS - MG	532941,8160	7807838,1729	744,869m	532920,2060	7807884,4191	739,619m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	532941,9187	7807838,0482	744,881m	532931,3154	7807874,9531	740,423m
PARÁ DE MINAS - MG	532954,6337	7807822,6103	745,391m	532936,6754	7807870,3860	740,790m
PARÁ DE MINAS - MG	532956,1836	7807820,7286	745,329m	532946,8909	7807862,4137	741,723m
PARÁ DE MINAS - MG	532963,7317	7807810,1684	745,647m	532948,5991	7807861,0806	741,834m
PARÁ DE MINAS - MG	532965,9783	7807806,1752	745,766m	532957,1574	7807851,0050	743,102m
PARÁ DE MINAS - MG	532969,4440	7807800,0151	745,729m	532960,0904	7807847,4440	743,324m
PARÁ DE MINAS - MG	532973,5861	7807790,3567	745,920m	532972,0566	7807832,9153	743,360m
PARÁ DE MINAS - MG	532973,9749	7807787,9654	746,008m	532972,7415	7807831,9571	743,372m
PARÁ DE MINAS - MG	532977,1845	7807768,2246	746,162m	532980,6319	7807820,9181	743,831m
PARÁ DE MINAS - MG	532979,7036	7807752,7299	745,353m	532983,7852	7807815,3132	744,062m
PARÁ DE MINAS - MG	532980,2257	7807748,4598	744,982m	532987,4016	7807808,8854	744,137m
PARÁ DE MINAS - MG	532982,1719	7807732,5411	742,910m	532992,3775	7807797,2827	744,531m
PARÁ DE MINAS - MG	532982,7729	7807728,6242	742,489m	532992,9335	7807795,9863	744,585m
PARÁ DE MINAS - MG	532985,8062	7807708,8555	741,343m	532995,9166	7807777,6378	745,027m
PARÁ DE MINAS - MG	532986,2094	7807706,2280	741,288m	532999,1262	7807757,8970	743,857m
PARÁ DE MINAS - MG	532989,6409	7807689,2292	740,447m	532999,5079	7807755,5493	743,612m
PARÁ DE MINAS - MG	532990,6601	7807684,1803	740,176m	533001,6463	7807738,0580	741,885m
PARÁ DE MINAS - MG	532993,5342	7807669,6118	739,847m	533001,9869	7807735,2720	741,638m
PARÁ DE MINAS - MG	532997,4052	7807649,9900	738,928m	533004,5945	7807718,2777	740,536m
PARÁ DE MINAS - MG	533001,2762	7807630,3682	738,297m	533005,9068	7807709,7253	740,331m
PARÁ DE MINAS - MG	533005,1472	7807610,7464	737,819m	533008,1522	7807698,6021	739,619m
PARÁ DE MINAS - MG	533008,8855	7807591,7974	737,339m	533010,2733	7807688,0946	738,752m
PARÁ DE MINAS - MG	533009,0897	7807591,1427	737,301m	533012,0696	7807678,9896	738,197m
PARÁ DE MINAS - MG	533014,9331	7807572,4049	736,403m	533015,9406	7807659,3678	737,463m
PARÁ DE MINAS - MG	533015,0793	7807572,0627	736,390m	533019,8116	7807639,7460	736,835m
PARÁ DE MINAS - MG	533022,9357	7807553,6704	735,433m	533023,6826	7807620,1242	736,404m
PARÁ DE MINAS - MG	533030,7921	7807535,2781	734,228m	533027,5536	7807600,5024	735,519m
PARÁ DE MINAS - MG	533038,6486	7807516,8858	733,099m	533028,2990	7807596,7243	735,433m
PARÁ DE MINAS - MG	533039,3524	7807515,2381	732,999m	533033,1068	7807581,3075	734,887m
PARÁ DE MINAS - MG	533044,7784	7807506,8106	732,987m	533033,7241	7807579,3280	734,800m
PARÁ DE MINAS - MG	533049,3049	7807499,9910	732,980m	533040,7660	7807562,8425	734,177m
PARÁ DE MINAS - MG	533050,2439	7807498,5762	732,976m	533048,6224	7807544,4502	733,698m
PARÁ DE MINAS - MG	533058,9227	7807488,4182	732,971m	533056,4788	7807526,0579	733,225m
PARÁ DE MINAS - MG	533061,9560	7807484,5175	732,987m	533057,0819	7807524,6462	733,189m
PARÁ DE MINAS - MG	533068,1431	7807476,5612	733,254m	533061,5189	7807517,7547	733,010m
PARÁ DE MINAS - MG	533075,6229	7807470,0433	733,562m	533066,2371	7807510,6463	732,999m
PARÁ DE MINAS - MG	533076,3874	7807469,3771	733,590m	533067,3653	7807509,3258	732,989m
PARÁ DE MINAS - MG	533087,6244	7807462,5559	733,999m	533074,4280	7807501,0594	732,927m
PARÁ DE MINAS - MG	533092,8152	7807459,8786	734,543m	533080,0309	7807493,8542	733,042m
PARÁ DE MINAS - MG	533098,4721	7807456,9609	735,102m	533082,7425	7807490,3673	733,343m
PARÁ DE MINAS - MG	533110,5935	7807450,7170	735,805m	533088,2328	7807485,5831	733,834m
PARÁ DE MINAS - MG	533117,1463	7807447,3415	736,573m	533095,3283	7807481,2758	734,521m
PARÁ DE MINAS - MG	533124,1797	7807445,0531	737,277m	533097,4093	7807480,0126	734,746m
PARÁ DE MINAS - MG	533129,2790	7807443,8799	737,686m	533107,6308	7807474,7406	736,564m
PARÁ DE MINAS - MG	533133,7692	7807442,8469	738,104m	533112,5050	7807471,1321	737,268m
PARÁ DE MINAS - MG	533147,1411	7807438,9235	739,137m	533122,6469	7807463,6238	737,932m
PARÁ DE MINAS - MG	533148,5114	7807438,4287	739,224m	533129,7115	7807461,4847	738,170m
PARÁ DE MINAS - MG	533167,3227	7807431,6363	740,282m	533132,1771	7807460,7382	738,286m
PARÁ DE MINAS - MG	533172,0635	7807429,9245	740,481m	533140,8411	7807457,7082	738,922m
PARÁ DE MINAS - MG	533186,7048	7807426,8550	740,675m	533148,8277	7807455,6592	739,417m
PARÁ DE MINAS - MG	533189,3876	7807426,2925	740,698m	533151,5265	7807454,9668	739,578m
PARÁ DE MINAS - MG	533203,6977	7807424,0635	740,800m	533167,9732	7807449,8853	740,012m
PARÁ DE MINAS - MG	533206,4466	7807423,6745	740,738m	533173,4750	7807448,1855	740,019m
PARÁ DE MINAS - MG	533214,6742	7807422,5100	740,563m	533187,2328	7807444,5052	740,034m
PARÁ DE MINAS - MG	533226,0135	7807419,6666	740,348m	533191,8136	7807443,2798	740,039m
PARÁ DE MINAS - MG	533230,7526	7807418,4782	740,262m	533206,7480	7807440,1532	740,172m
PARÁ DE MINAS - MG	533242,2322	7807412,8431	739,901m	533206,9754	7807440,1056	740,176m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	533244,2786	7807411,7374	739,813m	533218,6717	7807438,8070	739,722m
PARÁ DE MINAS - MG	533261,8743	7807402,2299	739,223m	533226,4825	7807437,0798	739,430m
PARÁ DE MINAS - MG	533279,4229	7807392,7478	738,873m	533236,2882	7807434,9114	739,238m
PARÁ DE MINAS - MG	533279,4679	7807392,7189	738,873m	533245,8674	7807432,1932	738,698m
PARÁ DE MINAS - MG	533296,2979	7807381,9137	739,472m	533251,3959	7807430,6245	738,201m
PARÁ DE MINAS - MG	533298,6548	7807380,4005	739,483m	533263,9357	7807423,8489	737,694m
PARÁ DE MINAS - MG	533312,9826	7807370,8860	739,666m	533281,5314	7807414,3414	737,322m
PARÁ DE MINAS - MG	533315,2303	7807369,3934	739,600m	533289,5937	7807409,9851	737,173m
PARÁ DE MINAS - MG	533330,3368	7807360,9585	739,499m	533298,7122	7807404,1308	737,097m
PARÁ DE MINAS - MG	533341,2698	7807354,8539	739,193m	533309,5901	7807397,1470	737,120m
PARÁ DE MINAS - MG	533347,5126	7807350,7369	739,084m	533315,4824	7807393,2341	737,188m
PARÁ DE MINAS - MG	533359,8659	7807342,5902	738,913m	533326,9833	7807385,5968	737,562m
PARÁ DE MINAS - MG	533364,2974	7807339,8653	738,934m	533331,8428	7807381,7557	737,523m
PARÁ DE MINAS - MG	533379,2059	7807330,6981	738,829m	533347,5333	7807369,3537	737,888m
PARÁ DE MINAS - MG	533381,3364	7807329,3927	738,818m	533349,7221	7807367,6236	737,761m
PARÁ DE MINAS - MG	533398,3898	7807318,9437	738,471m	533363,9620	7807357,9589	736,643m
PARÁ DE MINAS - MG	533415,4432	7807308,4947	737,603m	533365,7383	7807356,7533	736,762m
PARÁ DE MINAS - MG	533418,6298	7807306,5422	737,508m	533381,0842	7807347,6297	737,444m
PARÁ DE MINAS - MG	533433,2048	7807299,3278	737,024m	533385,8480	7807344,7975	737,326m
PARÁ DE MINAS - MG	533439,4073	7807296,2577	736,782m	533398,3984	7807337,6198	737,027m
PARÁ DE MINAS - MG	533450,0114	7807288,6014	736,070m	533415,7597	7807327,6908	736,558m
PARÁ DE MINAS - MG	533453,5377	7807286,0554	735,882m	533427,1095	7807321,1997	736,124m
PARÁ DE MINAS - MG	533460,6485	7807277,5839	735,633m	533433,0869	7807317,7029	735,832m
PARÁ DE MINAS - MG	533463,7237	7807274,1759	735,601m	533449,3858	7807308,1682	735,240m
PARÁ DE MINAS - MG	533470,6765	7807266,4707	735,157m	533450,3112	7807307,5425	735,193m
PARÁ DE MINAS - MG	533477,2720	7807259,4654	734,916m	533463,7184	7807298,4786	734,704m
PARÁ DE MINAS - MG	533478,2849	7807258,3895	734,849m	533466,2549	7807295,6270	734,671m
PARÁ DE MINAS - MG	533489,4995	7807246,0166	734,317m	533472,3568	7807288,7669	734,366m
PARÁ DE MINAS - MG	533490,5325	7807244,5141	734,221m	533479,4354	7807280,5852	734,085m
PARÁ DE MINAS - MG	533499,1782	7807231,9392	733,997m	533482,2262	7807277,3595	733,968m
PARÁ DE MINAS - MG	533502,5564	7807228,6146	733,987m	533487,8949	7807270,9059	733,718m
PARÁ DE MINAS - MG	533511,0623	7807220,2438	734,266m	533492,7218	7807265,6380	733,445m
PARÁ DE MINAS - MG	533515,8963	7807213,7868	735,036m	533499,9071	7807257,7963	733,346m
PARÁ DE MINAS - MG	533524,6666	7807202,0722	736,160m	533506,9770	7807251,6559	733,154m
PARÁ DE MINAS - MG	533526,0004	7807196,8745	736,484m	533513,1272	7807246,3144	733,115m
PARÁ DE MINAS - MG	533530,9716	7807177,5022	737,915m	533521,1660	7807237,6026	733,095m
PARÁ DE MINAS - MG	533532,0055	7807173,4733	738,081m	533523,3897	7807235,1927	733,083m
PARÁ DE MINAS - MG	533532,8938	7807157,6576	738,588m	533532,4234	7807221,1221	733,569m
PARÁ DE MINAS - MG	533532,9341	7807156,9402	738,620m	533540,9813	7807207,7928	734,144m
PARÁ DE MINAS - MG	533541,2857	7807141,1938	738,363m	533541,8500	7807203,7246	734,527m
PARÁ DE MINAS - MG	533542,0407	7807139,9473	738,361m	533546,0266	7807184,1656	735,456m
PARÁ DE MINAS - MG	533550,0735	7807126,6838	738,624m	533547,4027	7807177,7214	735,728m
PARÁ DE MINAS - MG	533551,9340	7807122,5934	738,784m	533551,3957	7807164,9191	736,403m
PARÁ DE MINAS - MG	533555,5611	7807114,6193	739,175m	533551,4736	7807164,6695	736,417m
PARÁ DE MINAS - MG	533560,9253	7807104,7421	739,112m	533558,6878	7807151,0677	736,471m
PARÁ DE MINAS - MG	533564,6083	7807097,9605	738,526m	533560,9371	7807147,3537	736,457m
PARÁ DE MINAS - MG	533570,5871	7807087,2310	738,392m	533567,7909	7807136,0369	736,377m
PARÁ DE MINAS - MG	533580,3223	7807069,7603	739,433m	533570,5937	7807129,8749	736,274m
PARÁ DE MINAS - MG	533590,0575	7807052,2896	740,491m	533573,4737	7807123,5433	736,400m
PARÁ DE MINAS - MG	533599,7927	7807034,8189	741,651m	533579,6990	7807112,0805	736,504m
PARÁ DE MINAS - MG	533609,5279	7807017,3482	742,114m	533582,1318	7807107,6009	736,375m
PARÁ DE MINAS - MG	533609,8791	7807016,7179	742,131m	533589,3857	7807094,5831	736,173m
PARÁ DE MINAS - MG	533623,3350	7807002,9122	742,008m	533599,1209	7807077,1124	737,684m
PARÁ DE MINAS - MG	533637,2946	7806988,5898	742,435m	533608,8561	7807059,6417	739,490m
PARÁ DE MINAS - MG	533651,2542	7806974,2675	743,168m	533618,5913	7807042,1709	739,888m
PARÁ DE MINAS - MG	533665,2138	7806959,9451	742,576m	533626,2247	7807028,4721	739,448m
PARÁ DE MINAS - MG	533676,3282	7806948,5418	742,270m	533629,1314	7807025,2790	739,404m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	533679,4148	7806945,8794	742,319m	533642,5948	7807010,4893	739,607m
PARÁ DE MINAS - MG	533687,1421	7806939,2140	742,204m	533656,0582	7806995,6995	740,650m
PARÁ DE MINAS - MG	533694,9836	7806933,3440	741,486m	533669,5216	7806980,9097	741,991m
PARÁ DE MINAS - MG	533707,3122	7806924,1150	741,397m	533682,9850	7806966,1200	741,413m
PARÁ DE MINAS - MG	533711,4498	7806922,1055	741,298m	533690,1535	7806958,2452	741,061m
PARÁ DE MINAS - MG	533722,5777	7806916,7012	741,016m	533697,2805	7806952,1914	740,626m
PARÁ DE MINAS - MG	533729,2874	7806913,0703	740,475m	533697,4213	7806952,0718	740,620m
PARÁ DE MINAS - MG	533735,3920	7806909,7668	739,762m	533714,8997	7806942,7364	740,225m
PARÁ DE MINAS - MG	533745,2490	7806906,3232	739,115m	533716,3953	7806941,9375	740,162m
PARÁ DE MINAS - MG	533747,7719	7806905,6250	739,052m	533731,7101	7806934,4999	739,219m
PARÁ DE MINAS - MG	533756,1377	7806903,3099	738,879m	533732,8350	7806933,8911	739,113m
PARÁ DE MINAS - MG	533767,4572	7806903,2467	738,190m	533743,5011	7806928,1192	738,600m
PARÁ DE MINAS - MG	533787,4569	7806903,1350	737,050m	533750,9330	7806925,5228	738,316m
PARÁ DE MINAS - MG	533807,4566	7806903,0233	735,485m	533751,2207	7806925,4223	738,306m
PARÁ DE MINAS - MG	533812,0975	7806902,9974	735,093m	533765,1361	7806919,7776	737,809m
PARÁ DE MINAS - MG	533825,2883	7806900,6912	734,378m	533769,8143	7806919,8301	737,571m
PARÁ DE MINAS - MG	533827,1759	7806900,1339	734,283m	533789,8131	7806920,0547	736,377m
PARÁ DE MINAS - MG	533834,3275	7806898,0224	734,048m	533807,3524	7806920,2516	735,274m
PARÁ DE MINAS - MG	533843,5188	7806894,0289	734,000m	533809,8120	7806920,2455	735,155m
PARÁ DE MINAS - MG	533845,5974	7806892,6008	734,004m	533829,8119	7806920,1960	734,531m
PARÁ DE MINAS - MG	533850,9455	7806888,9265	734,006m	533829,8570	7806920,1959	734,530m
PARÁ DE MINAS - MG	533857,2562	7806881,7333	734,000m	533841,1700	7806916,8556	734,209m
PARÁ DE MINAS - MG	533859,6090	7806878,5702	733,999m	533848,6533	7806913,6042	734,008m
PARÁ DE MINAS - MG	533871,5458	7806862,5230	733,993m	533853,2560	7806911,6044	734,005m
PARÁ DE MINAS - MG	533880,6012	7806850,3495	733,999m	533864,3313	7806903,9954	734,009m
PARÁ DE MINAS - MG	533883,1514	7806846,2501	734,021m	533865,3497	7806902,8344	734,010m
PARÁ DE MINAS - MG	533893,7160	7806829,2681	734,695m	533872,8222	7806894,3169	733,998m
PARÁ DE MINAS - MG	533904,2806	7806812,2861	735,489m	533877,9964	7806887,3611	733,966m
PARÁ DE MINAS - MG	533914,8452	7806795,3040	736,204m	533889,9332	7806871,3139	733,701m
PARÁ DE MINAS - MG	533924,5904	7806779,6390	737,411m	533897,1443	7806861,6196	733,606m
PARÁ DE MINAS - MG	533925,4181	7806778,3272	737,569m	533901,3267	7806854,8966	733,696m
PARÁ DE MINAS - MG	533935,4284	7806762,4606	739,109m	533911,8913	7806837,9145	734,113m
PARÁ DE MINAS - MG	533936,2874	7806761,5670	739,210m	533922,4559	7806820,9325	734,376m
PARÁ DE MINAS - MG	533950,1469	7806747,1477	740,973m	533933,0205	7806803,9505	734,771m
PARÁ DE MINAS - MG	533952,4449	7806744,7569	741,219m	533941,5391	7806790,2573	735,529m
PARÁ DE MINAS - MG	533965,1914	7806733,9923	742,205m	533943,6058	7806786,9814	735,806m
PARÁ DE MINAS - MG	533980,4715	7806721,0881	743,496m	533951,2576	7806774,8532	737,549m
PARÁ DE MINAS - MG	533995,7516	7806708,1839	744,402m	533955,1797	7806770,7728	738,152m
PARÁ DE MINAS - MG	534010,2250	7806695,9611	745,299m	533966,1435	7806759,3661	739,207m
PARÁ DE MINAS - MG	534010,8494	7806695,1095	745,374m	533969,3360	7806756,6701	739,430m
PARÁ DE MINAS - MG	534018,4774	7806684,7057	746,194m	533984,6161	7806743,7659	740,332m
PARÁ DE MINAS - MG	534022,9069	7806679,1576	746,460m	533999,8962	7806730,8617	742,098m
PARÁ DE MINAS - MG	534035,3853	7806663,5278	746,905m	534015,1763	7806717,9575	743,162m
PARÁ DE MINAS - MG	534045,2570	7806651,1632	747,285m	534024,9471	7806709,7059	744,218m
PARÁ DE MINAS - MG	534048,5219	7806648,5562	747,233m	534029,2109	7806703,8905	744,867m
PARÁ DE MINAS - MG	534059,6517	7806639,6694	746,344m	534034,3635	7806696,8630	745,165m
PARÁ DE MINAS - MG	534064,2588	7806636,2164	745,829m	534041,4051	7806688,0432	745,559m
PARÁ DE MINAS - MG	534077,4932	7806626,2974	744,274m	534053,8835	7806672,4134	745,630m
PARÁ DE MINAS - MG	534080,1560	7806624,0864	744,014m	534059,4881	7806665,3935	745,432m
PARÁ DE MINAS - MG	534095,5432	7806611,3100	741,682m	534068,0974	7806658,5191	745,036m
PARÁ DE MINAS - MG	534097,7025	7806609,5171	741,504m	534071,8916	7806655,4896	744,644m
PARÁ DE MINAS - MG	534109,8189	7806597,3186	740,418m	534084,0103	7806646,4067	743,457m
PARÁ DE MINAS - MG	534115,2519	7806591,8489	739,991m	534089,8864	7806642,0027	742,806m
PARÁ DE MINAS - MG	534123,5095	7806582,7456	738,777m	534099,6240	7806633,9174	741,545m
PARÁ DE MINAS - MG	534136,9469	7806567,9322	737,199m	534111,2166	7806624,2917	740,197m
PARÁ DE MINAS - MG	534139,9204	7806564,6542	736,997m	534114,6923	7806620,7924	739,779m
PARÁ DE MINAS - MG	534148,8791	7806551,9145	736,999m	534128,7866	7806606,6026	738,554m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	534153,2880	7806545,6448	737,030m	534129,7609	7806605,6218	738,442m
PARÁ DE MINAS - MG	534158,3393	7806534,3911	737,230m	534142,2694	7806591,8323	737,130m
PARÁ DE MINAS - MG	534158,4222	7806534,2064	737,229m	534155,5670	7806577,1730	736,198m
PARÁ DE MINAS - MG	534159,5811	7806517,8882	737,689m	534155,6867	7806577,0029	736,199m
PARÁ DE MINAS - MG	534159,7061	7806514,4523	737,794m	534167,1911	7806560,6429	736,483m
PARÁ DE MINAS - MG	534160,4331	7806494,4655	738,733m	534170,7497	7806555,5824	736,715m
PARÁ DE MINAS - MG	534160,4632	7806493,6379	738,792m	534176,4064	7806542,9802	736,997m
PARÁ DE MINAS - MG	534163,9652	7806474,7886	740,293m	534178,1208	7806539,1609	736,991m
PARÁ DE MINAS - MG	534166,4668	7806461,3239	741,618m	534179,2410	7806523,3870	736,988m
PARÁ DE MINAS - MG	534167,6243	7806455,1262	742,366m	534179,5553	7806518,9604	736,999m
PARÁ DE MINAS - MG	534170,7368	7806438,4614	744,252m	534180,1211	7806503,4085	738,380m
PARÁ DE MINAS - MG	534171,8001	7806435,6058	744,599m	534180,3964	7806495,8400	739,003m
PARÁ DE MINAS - MG	534178,7661	7806416,8976	746,870m	534182,6662	7806483,6225	739,807m
PARÁ DE MINAS - MG	534178,7820	7806416,8643	746,872m	534186,1268	7806464,9959	741,423m
PARÁ DE MINAS - MG	534187,3969	7806398,8148	747,514m	534186,3204	7806463,9592	741,522m
PARÁ DE MINAS - MG	534190,2277	7806392,8839	747,951m	534189,9923	7806444,2992	743,147m
PARÁ DE MINAS - MG	534196,7666	7806381,1554	748,525m	534190,0807	7806443,8263	743,178m
PARÁ DE MINAS - MG	534206,5058	7806363,6869	749,274m	534196,8917	7806425,5342	744,571m
PARÁ DE MINAS - MG	534215,9458	7806346,7550	749,592m	534197,1986	7806424,7099	744,639m
PARÁ DE MINAS - MG	534216,2942	7806346,2490	749,586m	534205,4346	7806407,4543	745,378m
PARÁ DE MINAS - MG	534227,6372	7806329,7766	749,612m	534208,0045	7806402,0701	745,451m
PARÁ DE MINAS - MG	534234,9094	7806319,2158	749,853m	534214,8384	7806389,8125	745,364m
PARÁ DE MINAS - MG	534239,6488	7806313,8256	749,783m	534224,5776	7806372,3440	746,081m
PARÁ DE MINAS - MG	534246,1386	7806306,4446	750,026m	534232,9541	7806357,3196	746,392m
PARÁ DE MINAS - MG	534253,7609	7806299,7094	749,958m	534234,5412	7806355,0148	746,424m
PARÁ DE MINAS - MG	534257,9389	7806296,0177	749,798m	534245,8841	7806338,5425	747,018m
PARÁ DE MINAS - MG	534268,9648	7806286,7172	748,915m	534250,7106	7806331,5334	747,207m
PARÁ DE MINAS - MG	534284,2524	7806273,8218	748,624m	534258,2975	7806322,9046	747,568m
PARÁ DE MINAS - MG	534290,8314	7806268,2723	748,540m	534260,3261	7806320,5974	747,633m
PARÁ DE MINAS - MG	534297,9973	7806260,5924	748,878m	534271,0098	7806311,1572	747,672m
PARÁ DE MINAS - MG	534298,4828	7806259,8475	748,888m	534273,0514	7806309,4351	747,683m
PARÁ DE MINAS - MG	534307,9298	7806245,3550	748,475m	534288,3390	7806296,5398	747,667m
PARÁ DE MINAS - MG	534308,9738	7806242,8646	748,475m	534303,6265	7806283,6444	746,987m
PARÁ DE MINAS - MG	534311,0606	7806237,8865	748,469m	534304,6397	7806282,7898	746,926m
PARÁ DE MINAS - MG	534315,3777	7806223,9371	748,574m	534313,8042	7806272,9678	746,527m
PARÁ DE MINAS - MG	534321,2906	7806204,8311	749,141m	534316,6662	7806268,5772	746,478m
PARÁ DE MINAS - MG	534326,6879	7806187,3912	750,748m	534325,6741	7806254,7584	746,566m
PARÁ DE MINAS - MG	534327,4789	7806185,8369	750,962m	534327,0289	7806251,5264	746,572m
PARÁ DE MINAS - MG	534336,5499	7806168,0123	751,102m	534329,8801	7806244,7250	746,740m
PARÁ DE MINAS - MG	534343,4294	7806154,4938	750,943m	534333,6127	7806232,6642	747,180m
PARÁ DE MINAS - MG	534345,3704	7806150,0691	750,709m	534339,5256	7806213,5583	748,520m
PARÁ DE MINAS - MG	534353,4048	7806131,7538	749,126m	534345,2882	7806194,9380	749,786m
PARÁ DE MINAS - MG	534361,4391	7806113,4386	749,135m	534345,5188	7806194,4849	749,817m
PARÁ DE MINAS - MG	534362,7709	7806110,4026	749,393m	534354,5898	7806176,6603	749,530m
PARÁ DE MINAS - MG	534366,5684	7806102,2707	750,066m	534361,5143	7806163,0535	748,713m
PARÁ DE MINAS - MG	534369,0080	7806094,9570	750,601m	534363,4154	7806158,7195	748,396m
PARÁ DE MINAS - MG	534369,4038	7806093,7704	750,698m	534371,4498	7806140,4043	747,660m
PARÁ DE MINAS - MG	534372,8929	7806075,3487	751,318m	534379,4842	7806122,0890	748,065m
PARÁ DE MINAS - MG	534373,2141	7806073,6528	751,316m	534380,9918	7806118,6521	748,226m
PARÁ DE MINAS - MG	534371,7947	7806055,4341	751,475m	534385,1767	7806109,6906	748,642m
PARÁ DE MINAS - MG	534371,0476	7806045,8437	750,566m	534387,1880	7806103,6607	748,844m
PARÁ DE MINAS - MG	534369,9138	7806035,5253	749,238m	534388,8032	7806098,8185	748,988m
PARÁ DE MINAS - MG	534367,7293	7806015,6449	747,149m	534391,5752	7806084,1832	748,831m
PARÁ DE MINAS - MG	534367,0827	7806009,7604	747,095m	534393,3606	7806074,7563	748,422m
PARÁ DE MINAS - MG	534365,2911	7805995,7948	747,476m	534392,5524	7806064,3822	748,474m
PARÁ DE MINAS - MG	534365,1462	7805994,6655	747,411m	534390,9991	7806044,4426	746,560m
PARÁ DE MINAS - MG	534364,1490	7805975,8304	746,696m	534390,9626	7806043,9743	746,496m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	534363,1842	7805957,6089	746,494m	534388,8294	7806024,5609	745,169m
PARÁ DE MINAS - MG	534363,3671	7805955,8655	746,401m	534386,9433	7806007,3955	744,238m
PARÁ DE MINAS - MG	534365,4529	7805935,9746	746,229m	534386,5957	7806004,6864	744,123m
PARÁ DE MINAS - MG	534367,5388	7805916,0836	746,870m	534385,0787	7805992,8618	743,952m
PARÁ DE MINAS - MG	534367,7607	7805913,9675	747,045m	534384,6516	7805984,7946	743,882m
PARÁ DE MINAS - MG	534373,6857	7805897,1060	747,295m	534383,5942	7805964,8226	744,065m
PARÁ DE MINAS - MG	534375,4690	7805892,0311	747,300m	534383,2397	7805958,1264	744,205m
PARÁ DE MINAS - MG	534383,8073	7805880,0209	747,470m	534384,6261	7805944,9045	744,454m
PARÁ DE MINAS - MG	534394,1185	7805865,1692	747,096m	534386,7120	7805925,0135	744,603m
PARÁ DE MINAS - MG	534395,1228	7805863,5331	746,923m	534387,4070	7805918,3856	744,662m
PARÁ DE MINAS - MG	534405,5860	7805846,4884	746,741m	534391,8281	7805905,8041	744,637m
PARÁ DE MINAS - MG	534416,0492	7805829,4437	746,889m	534393,4409	7805901,2144	744,623m
PARÁ DE MINAS - MG	534426,5124	7805812,3990	746,249m	534402,0725	7805888,7818	744,126m
PARÁ DE MINAS - MG	534436,9756	7805795,3543	745,677m	534410,8685	7805876,1125	743,554m
PARÁ DE MINAS - MG	534447,4387	7805778,3096	745,698m	534413,2628	7805872,2121	743,544m
PARÁ DE MINAS - MG	534451,6235	7805771,4925	745,796m	534423,7260	7805855,1674	743,193m
PARÁ DE MINAS - MG	534456,8182	7805760,6741	746,517m	534434,1891	7805838,1227	743,144m
PARÁ DE MINAS - MG	534464,2944	7805745,1041	747,402m	534444,6523	7805821,0780	743,353m
PARÁ DE MINAS - MG	534465,5708	7805742,6930	747,527m	534455,1155	7805804,0333	743,462m
PARÁ DE MINAS - MG	534472,1688	7805730,2295	748,280m	534465,5787	7805786,9886	743,389m
PARÁ DE MINAS - MG	534475,3623	7805725,2711	748,397m	534469,2070	7805781,0779	743,199m
PARÁ DE MINAS - MG	534478,5622	7805720,3027	748,328m	534474,8621	7805769,3007	743,294m
PARÁ DE MINAS - MG	534481,2902	7805710,6095	748,580m	534482,1538	7805754,1148	743,434m
PARÁ DE MINAS - MG	534482,0618	7805706,6637	748,958m	534483,6296	7805751,3272	743,518m
PARÁ DE MINAS - MG	534483,2006	7805700,8398	749,505m	534489,4454	7805740,3413	743,828m
PARÁ DE MINAS - MG	534485,1107	7805686,9043	749,598m	534493,5441	7805733,9773	743,605m
PARÁ DE MINAS - MG	534485,1945	7805686,2929	749,594m	534497,0014	7805728,6094	743,261m
PARÁ DE MINAS - MG	534482,1410	7805667,1521	749,612m	534500,6899	7805715,5034	743,600m
PARÁ DE MINAS - MG	534481,1635	7805661,0244	749,267m	534500,7625	7805715,2453	743,603m
PARÁ DE MINAS - MG	534477,7297	7805647,6637	748,530m	534502,9381	7805704,1195	743,546m
PARÁ DE MINAS - MG	534472,7514	7805628,2932	750,118m	534504,0781	7805695,8020	743,898m
PARÁ DE MINAS - MG	534472,0975	7805625,7489	750,439m	534505,4120	7805686,0708	744,269m
PARÁ DE MINAS - MG	534466,6247	7805609,2604	752,384m	534503,8086	7805676,0200	745,295m
PARÁ DE MINAS - MG	534460,3244	7805590,2787	751,786m	534500,7665	7805656,9510	746,051m
PARÁ DE MINAS - MG	534455,7337	7805576,4475	750,009m	534500,5948	7805656,2829	746,019m
PARÁ DE MINAS - MG	534452,8666	7805571,8399	749,857m	534495,6165	7805636,9124	744,911m
PARÁ DE MINAS - MG	534442,3001	7805554,8590	749,288m	534491,2964	7805620,1029	746,550m
PARÁ DE MINAS - MG	534438,3296	7805548,4781	748,672m	534490,4634	7805617,5933	747,198m
PARÁ DE MINAS - MG	534429,3170	7805539,8388	748,933m	534484,1631	7805598,6115	749,774m
PARÁ DE MINAS - MG	534414,8790	7805525,9988	747,022m	534477,8628	7805579,6298	748,664m
PARÁ DE MINAS - MG	534410,2034	7805521,5169	746,750m	534473,9680	7805567,8955	747,108m
PARÁ DE MINAS - MG	534401,8160	7805510,9089	746,190m	534469,9337	7805561,4120	746,294m
PARÁ DE MINAS - MG	534395,3297	7805502,7054	746,531m	534459,3673	7805544,4311	743,338m
PARÁ DE MINAS - MG	534390,0107	7805494,7834	747,330m	534453,9832	7805535,7786	741,712m
PARÁ DE MINAS - MG	534387,2581	7805490,6838	747,626m	534446,9020	7805528,9907	741,263m
PARÁ DE MINAS - MG	534381,8886	7805478,5020	747,449m	534432,4640	7805515,1508	740,671m
PARÁ DE MINAS - MG	534381,5790	7805476,7803	747,268m	534425,0376	7805508,0320	742,266m
PARÁ DE MINAS - MG	534378,6221	7805460,3364	746,910m	534419,0136	7805500,4130	742,752m
PARÁ DE MINAS - MG	534377,9982	7805457,1037	746,648m	534411,5006	7805490,9110	742,895m
PARÁ DE MINAS - MG	534375,3625	7805443,4468	745,897m	534407,1043	7805484,3634	743,474m
PARÁ DE MINAS - MG	534373,9815	7805437,5143	745,919m	534404,8469	7805481,0012	743,779m
PARÁ DE MINAS - MG	534369,4469	7805418,0351	745,954m	534401,1510	7805472,6164	743,657m
PARÁ DE MINAS - MG	534368,6989	7805414,8219	746,031m	534399,9499	7805465,9364	743,463m
PARÁ DE MINAS - MG	534361,0215	7805399,9903	747,480m	534398,2838	7805456,6715	743,157m
PARÁ DE MINAS - MG	534351,8275	7805382,2288	748,266m	534396,2778	7805446,2769	743,273m
PARÁ DE MINAS - MG	534351,8255	7805382,2249	748,266m	534394,9280	7805439,2831	743,401m
PARÁ DE MINAS - MG	534341,1013	7805365,3484	748,740m	534392,0084	7805426,7413	743,494m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	534330,7365	7805349,0375	747,551m	534387,6107	7805407,8502	742,613m
PARÁ DE MINAS - MG	534330,4808	7805348,4133	747,469m	534387,3331	7805407,3140	742,608m
PARÁ DE MINAS - MG	534322,8959	7805329,9074	745,941m	534378,1391	7805389,5525	742,692m
PARÁ DE MINAS - MG	534318,9502	7805320,2803	745,734m	534369,1803	7805372,2452	742,794m
PARÁ DE MINAS - MG	534316,3196	7805311,0522	745,309m	534368,8680	7805371,8401	742,815m
PARÁ DE MINAS - MG	534310,8369	7805291,8184	744,080m	534356,6600	7805355,9983	742,996m
PARÁ DE MINAS - MG	534310,7459	7805291,4991	744,060m	534345,6231	7805341,6763	743,354m
PARÁ DE MINAS - MG	534309,1445	7805271,8964	742,052m	534344,9150	7805339,8930	743,294m
PARÁ DE MINAS - MG	534309,1430	7805271,8782	742,050m	534337,5344	7805321,3046	742,605m
PARÁ DE MINAS - MG	534309,5131	7805253,1711	740,876m	534334,7470	7805314,2845	742,594m
PARÁ DE MINAS - MG	534309,4195	7805251,9036	740,890m	534331,2169	7805302,3488	742,249m
PARÁ DE MINAS - MG	534308,3804	7805237,8376	741,409m	534327,1870	7805288,7232	741,541m
PARÁ DE MINAS - MG	534305,1479	7805232,9071	742,051m	534326,8211	7805282,9439	741,210m
PARÁ DE MINAS - MG	534303,2829	7805230,0626	742,355m	534326,1110	7805271,7270	740,859m
PARÁ DE MINAS - MG	534292,7021	7805219,1385	743,007m	534326,1068	7805262,9663	740,122m
PARÁ DE MINAS - MG	534291,6003	7805218,2904	743,041m	534326,1019	7805252,7002	739,743m
PARÁ DE MINAS - MG	534275,7512	7805206,0917	744,000m	534326,2250	7805242,9671	739,779m
PARÁ DE MINAS - MG	534274,8678	7805205,4117	744,001m	534326,3441	7805233,5515	740,057m
PARÁ DE MINAS - MG	534258,9062	7805195,3183	743,983m	534321,9229	7805223,9356	740,396m
PARÁ DE MINAS - MG	534252,4301	7805191,2230	744,026m	534318,9687	7805217,5105	740,441m
PARÁ DE MINAS - MG	534241,9691	7805184,6819	744,594m	534309,9741	7805208,2240	740,867m
PARÁ DE MINAS - MG	534225,0114	7805174,0784	744,979m	534306,0549	7805204,1777	740,990m
PARÁ DE MINAS - MG	534224,7046	7805173,8866	744,977m	534294,6699	7805195,4149	741,506m
PARÁ DE MINAS - MG	534216,0929	7805156,2373	744,752m	534286,3361	7805189,0005	741,982m
PARÁ DE MINAS - MG	534215,1669	7805154,3396	744,730m	534278,3207	7805183,9319	742,377m
PARÁ DE MINAS - MG	534215,0506	7805136,4516	744,209m	534263,0766	7805174,2921	743,353m
PARÁ DE MINAS - MG	534215,0225	7805132,1143	744,000m	534261,4116	7805173,2510	743,485m
PARÁ DE MINAS - MG	534217,8766	7805116,7139	744,189m	534244,4538	7805162,6476	744,282m
PARÁ DE MINAS - MG	534218,9579	7805110,8791	744,293m	534240,1664	7805159,9666	744,312m
PARÁ DE MINAS - MG	534220,0539	7805101,1316	744,465m	534235,1369	7805149,6590	744,149m
PARÁ DE MINAS - MG	534219,7807	7805096,8835	744,507m	534235,1143	7805146,1850	744,054m
PARÁ DE MINAS - MG	534219,0329	7805085,2561	744,467m	534235,0344	7805133,8874	744,009m
PARÁ DE MINAS - MG	534217,5920	7805077,0328	744,395m	534236,4379	7805126,3142	744,014m
PARÁ DE MINAS - MG	534215,7370	7805066,4456	744,410m	534238,7530	7805113,8224	744,009m
PARÁ DE MINAS - MG	534213,3710	7805057,5017	744,427m	534239,5682	7805106,5726	744,041m
PARÁ DE MINAS - MG	534208,2564	7805038,1667	744,475m	534240,1260	7805101,6107	744,080m
PARÁ DE MINAS - MG	534203,5777	7805020,4799	744,727m	534239,1628	7805086,6348	744,062m
PARÁ DE MINAS - MG	534203,0398	7805018,8622	744,821m	534238,9214	7805082,8813	744,050m
PARÁ DE MINAS - MG	534201,5285	7805014,3172	745,021m	534236,1189	7805066,8862	743,819m
PARÁ DE MINAS - MG	534200,6422	7804999,1327	745,159m	534235,2898	7805062,1547	743,782m
PARÁ DE MINAS - MG	534200,5697	7804997,8904	745,139m	534230,1872	7805047,8406	743,882m
PARÁ DE MINAS - MG	534200,6175	7804979,1349	744,636m	534223,4716	7805029,0018	743,981m
PARÁ DE MINAS - MG	534200,6685	7804959,1349	744,302m	534221,8895	7805024,5637	743,980m
PARÁ DE MINAS - MG	534200,6901	7804950,6631	743,985m	534217,9091	7805010,1701	744,464m
PARÁ DE MINAS - MG	534197,8950	7804939,4790	743,947m	534217,9014	7805009,8156	744,475m
PARÁ DE MINAS - MG	534193,1287	7804920,4075	745,117m	534217,6248	7804997,1970	744,316m
PARÁ DE MINAS - MG	534193,0334	7804920,0791	745,154m	534218,0867	7804989,8331	743,961m
PARÁ DE MINAS - MG	534190,6870	7804911,9887	746,019m	534219,3387	7804969,8724	743,457m
PARÁ DE MINAS - MG	534187,6330	7804900,8226	746,505m	534220,5907	7804949,9116	743,028m
PARÁ DE MINAS - MG	534186,4864	7804896,6300	746,685m	534220,6964	7804948,2269	742,983m
PARÁ DE MINAS - MG	534185,4050	7804885,2724	747,170m	534216,2564	7804930,4613	743,500m
PARÁ DE MINAS - MG	534185,1093	7804881,0382	747,377m	534212,4413	7804915,1957	744,411m
PARÁ DE MINAS - MG	534184,5139	7804872,5096	747,986m	534211,2533	7804911,0996	744,754m
PARÁ DE MINAS - MG	534188,2385	7804861,6817	748,899m	534209,9381	7804906,5648	745,058m
PARÁ DE MINAS - MG	534189,6845	7804857,4780	749,250m	534206,2328	7804893,0174	745,497m
PARÁ DE MINAS - MG	534198,3881	7804844,6903	749,471m	534206,1159	7804891,7896	745,532m
PARÁ DE MINAS - MG	534198,4435	7804844,6246	749,465m	534205,3388	7804883,6277	745,711m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	534209,4101	7804831,6112	749,515m	534204,7484	7804875,1715	745,898m
PARÁ DE MINAS - MG	534211,3787	7804829,3714	749,795m	534205,8298	7804872,0279	745,911m
PARÁ DE MINAS - MG	534224,5817	7804814,3487	749,460m	534207,7255	7804866,5167	745,874m
PARÁ DE MINAS - MG	534237,7847	7804799,3261	748,935m	534214,3438	7804856,7929	745,570m
PARÁ DE MINAS - MG	534249,0825	7804786,4713	748,877m	534215,8965	7804854,9504	745,522m
PARÁ DE MINAS - MG	534251,1240	7804784,4312	748,743m	534224,5699	7804844,6582	745,374m
PARÁ DE MINAS - MG	534259,2851	7804776,2756	747,714m	534228,2016	7804839,2187	745,424m
PARÁ DE MINAS - MG	534266,0432	7804771,1826	745,903m	534239,3069	7804822,5852	745,268m
PARÁ DE MINAS - MG	534280,1143	7804760,5786	745,501m	534250,4122	7804805,9517	745,155m
PARÁ DE MINAS - MG	534282,2054	7804759,4405	745,410m	534252,9895	7804802,0914	745,322m
PARÁ DE MINAS - MG	534299,7721	7804749,8796	744,492m	534263,9479	7804791,3306	745,525m
PARÁ DE MINAS - MG	534300,9506	7804749,2382	744,437m	534264,1212	7804791,1604	745,528m
PARÁ DE MINAS - MG	534316,8835	7804739,5289	742,753m	534280,2933	7804779,8112	745,139m
PARÁ DE MINAS - MG	534324,9752	7804734,5980	742,210m	534285,2320	7804776,3454	744,972m
PARÁ DE MINAS - MG	534334,3800	7804729,8746	742,507m	534297,5754	7804769,8105	744,488m
PARÁ DE MINAS - MG	534347,3366	7804723,3673	743,381m	534305,6736	7804765,5231	744,156m
PARÁ DE MINAS - MG	534351,5089	7804719,7820	743,615m	534315,4791	7804760,9090	743,836m
PARÁ DE MINAS - MG	534355,0709	7804716,7211	743,750m	534333,5757	7804752,3934	742,957m
PARÁ DE MINAS - MG	534360,1756	7804705,5925	743,944m	534336,3457	7804751,0899	742,942m
PARÁ DE MINAS - MG	534361,2854	7804702,7409	743,942m	534348,8568	7804739,6711	742,971m
PARÁ DE MINAS - MG	534364,5067	7804694,4640	743,954m	534357,2365	7804732,0229	742,989m
PARÁ DE MINAS - MG	534367,5192	7804683,7615	744,089m	534362,1715	7804724,9130	743,254m
PARÁ DE MINAS - MG	534370,0754	7804674,6799	744,273m	534363,8880	7804722,4399	743,373m
PARÁ DE MINAS - MG	534375,0024	7804665,3336	744,335m	534368,8380	7804711,9296	743,689m
PARÁ DE MINAS - MG	534382,7343	7804650,6665	744,252m	534370,5531	7804706,8388	743,691m
PARÁ DE MINAS - MG	534384,6772	7804647,8523	744,112m	534374,0972	7804696,3188	743,740m
PARÁ DE MINAS - MG	534396,0397	7804631,3934	744,451m	534376,5005	7804687,7504	743,788m
PARÁ DE MINAS - MG	534399,0687	7804627,0057	744,654m	534380,9035	7804672,0523	743,966m
PARÁ DE MINAS - MG	534409,0369	7804616,2449	744,973m	534382,4493	7804668,6949	743,972m
PARÁ DE MINAS - MG	534422,6283	7804601,5728	745,480m	534385,6186	7804661,8114	743,979m
PARÁ DE MINAS - MG	534432,7254	7804590,6728	746,421m	534392,6519	7804651,5725	743,994m
PARÁ DE MINAS - MG	534436,9403	7804587,7275	746,901m	534403,9760	7804635,0872	744,329m
PARÁ DE MINAS - MG	534453,3343	7804576,2716	748,469m	534409,4165	7804627,1670	744,601m
PARÁ DE MINAS - MG	534461,9441	7804570,2553	748,368m	534416,6970	7804619,7526	744,900m
PARÁ DE MINAS - MG	534469,9141	7804565,0917	748,502m	534430,7096	7804605,4821	745,423m
PARÁ DE MINAS - MG	534478,2238	7804559,7081	748,391m	534435,3735	7804600,7323	745,834m
PARÁ DE MINAS - MG	534485,9004	7804553,1466	748,596m	534445,9611	7804592,6117	746,980m
PARÁ DE MINAS - MG	534491,3224	7804548,5121	748,541m	534457,6991	7804583,6086	747,656m
PARÁ DE MINAS - MG	534498,6529	7804537,9372	748,647m	534462,0451	7804580,7409	747,556m
PARÁ DE MINAS - MG	534500,7643	7804534,8913	748,701m	534478,7384	7804569,7258	747,921m
PARÁ DE MINAS - MG	534508,6859	7804520,6526	748,976m	534482,6975	7804567,1133	748,075m
PARÁ DE MINAS - MG	534512,8507	7804513,1666	749,014m	534494,4188	7804557,6820	748,288m
PARÁ DE MINAS - MG	534515,7544	7804502,1080	748,968m	534494,5409	7804557,5085	748,290m
PARÁ DE MINAS - MG	534520,8336	7804482,7638	749,393m	534506,0479	7804541,1504	748,381m
PARÁ DE MINAS - MG	534524,1350	7804470,1905	749,728m	534508,3058	7804537,9405	748,439m
PARÁ DE MINAS - MG	534526,0614	7804463,4602	749,842m	534515,6163	7804523,6234	748,756m
PARÁ DE MINAS - MG	534530,6250	7804447,5162	749,613m	534518,2443	7804518,4766	748,793m
PARÁ DE MINAS - MG	534531,6542	7804444,2592	749,546m	534522,2692	7804504,8370	748,777m
PARÁ DE MINAS - MG	534537,6804	7804425,1887	749,560m	534527,9297	7804485,6548	748,987m
PARÁ DE MINAS - MG	534540,2217	7804417,1466	749,721m	534532,5982	7804469,8343	749,226m
PARÁ DE MINAS - MG	534539,8582	7804405,5864	750,392m	534533,6445	7804466,4890	749,272m
PARÁ DE MINAS - MG	534539,6011	7804397,4075	750,340m	534538,8831	7804449,7389	749,211m
PARÁ DE MINAS - MG	534540,4989	7804385,6246	750,297m	534539,4064	7804447,3456	749,164m
PARÁ DE MINAS - MG	534541,5028	7804372,4481	750,311m	534543,6784	7804427,8072	749,100m
PARÁ DE MINAS - MG	534539,7543	7804365,8919	750,674m	534546,3727	7804415,4845	749,366m
PARÁ DE MINAS - MG	534535,0183	7804348,1345	751,429m	534546,8784	7804408,1157	749,465m
PARÁ DE MINAS - MG	534535,0528	7804346,5130	751,455m	534547,6471	7804396,9145	749,556m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	534535,4785	7804326,5175	751,872m	534548,5587	7804388,1895	749,537m
PARÁ DE MINAS - MG	534535,5598	7804322,7011	751,868m	534550,1680	7804372,7876	749,684m
PARÁ DE MINAS - MG	534532,1376	7804306,8844	752,154m	534549,9308	7804368,2796	749,730m
PARÁ DE MINAS - MG	534531,4096	7804303,5195	752,131m	534549,3153	7804356,5781	749,851m
PARÁ DE MINAS - MG	534526,1705	7804287,8130	752,419m	534549,5742	7804348,2998	750,118m
PARÁ DE MINAS - MG	534523,0055	7804278,3244	752,301m	534550,1994	7804328,3096	750,503m
PARÁ DE MINAS - MG	534520,5208	7804268,6406	752,390m	534550,4203	7804321,2450	750,489m
PARÁ DE MINAS - MG	534517,4455	7804256,6552	752,223m	534548,1210	7804308,5191	750,657m
PARÁ DE MINAS - MG	534514,5562	7804249,5974	752,072m	534546,3655	7804298,8028	750,613m
PARÁ DE MINAS - MG	534511,8287	7804242,9346	751,893m	534543,3292	7804289,1423	750,533m
PARÁ DE MINAS - MG	534512,1748	7804230,1387	751,084m	534537,9045	7804271,8827	750,592m
PARÁ DE MINAS - MG	534512,4786	7804218,9061	750,449m	534537,3007	7804270,0728	750,605m
PARÁ DE MINAS - MG	534514,5406	7804210,3889	749,956m	534530,9716	7804251,1006	750,542m
PARÁ DE MINAS - MG	534519,2466	7804190,9504	749,034m	534530,3629	7804249,2759	750,423m
PARÁ DE MINAS - MG	534521,1613	7804183,0418	748,699m	534527,2103	7804237,9678	749,769m
PARÁ DE MINAS - MG	534523,6550	7804171,4440	748,581m	534527,8457	7804231,6627	749,406m
PARÁ DE MINAS - MG	534525,3173	7804163,7129	748,368m	534529,4246	7804215,9956	748,583m
PARÁ DE MINAS - MG	534527,3618	7804151,7947	748,433m	534530,9848	7804212,0385	748,255m
PARÁ DE MINAS - MG	534529,0215	7804142,1196	748,468m	534538,3205	7804193,4324	747,291m
PARÁ DE MINAS - MG	534534,1054	7804133,2958	748,148m	534540,6603	7804187,4977	747,099m
PARÁ DE MINAS - MG	534540,9467	7804121,4217	747,941m	534543,5236	7804174,1813	746,586m
PARÁ DE MINAS - MG	534544,4060	7804116,1611	748,171m	534544,9585	7804167,5075	746,456m
PARÁ DE MINAS - MG	534553,8868	7804101,7436	748,533m	534547,1859	7804154,5235	746,672m
PARÁ DE MINAS - MG	534555,0449	7804099,2554	748,616m	534548,1308	7804149,0149	746,794m
PARÁ DE MINAS - MG	534563,4842	7804081,1231	748,712m	534555,3251	7804136,5282	746,563m
PARÁ DE MINAS - MG	534564,8560	7804078,1757	748,718m	534557,9816	7804131,9174	746,656m
PARÁ DE MINAS - MG	534570,5833	7804062,4364	749,197m	534566,0466	7804119,6529	746,637m
PARÁ DE MINAS - MG	534571,4771	7804059,9802	749,254m	534571,4015	7804111,5096	746,725m
PARÁ DE MINAS - MG	534576,3860	7804043,3014	749,670m	534575,7283	7804102,2134	746,879m
PARÁ DE MINAS - MG	534576,8313	7804041,7883	749,703m	534583,3540	7804085,8291	746,913m
PARÁ DE MINAS - MG	534578,3623	7804023,4293	750,438m	534584,0133	7804084,0173	746,943m
PARÁ DE MINAS - MG	534578,9931	7804015,8645	750,793m	534590,4861	7804066,2293	747,475m
PARÁ DE MINAS - MG	534578,6608	7804003,4600	751,392m	534590,7885	7804065,2020	747,527m
PARÁ DE MINAS - MG	534578,1252	7803983,4671	752,331m	534596,4354	7804046,0157	748,072m
PARÁ DE MINAS - MG	534578,0772	7803981,6746	752,391m	534596,5928	7804045,4806	748,083m
PARÁ DE MINAS - MG	534577,3599	7803963,4819	753,137m	534598,2085	7804026,1056	748,828m
PARÁ DE MINAS - MG	534576,7196	7803947,2443	753,321m	534599,0155	7804016,4294	749,110m
PARÁ DE MINAS - MG	534576,5759	7803943,4973	753,284m	534598,7399	7804006,1429	749,651m
PARÁ DE MINAS - MG	534575,8315	7803924,0990	752,675m	534598,2043	7803986,1501	749,827m
PARÁ DE MINAS - MG	534575,9232	7803923,5188	752,670m	534598,0666	7803981,0128	750,169m
PARÁ DE MINAS - MG	534577,4799	7803913,6658	752,827m	534597,4811	7803966,1635	750,606m
PARÁ DE MINAS - MG	534576,0389	7803903,7451	753,409m	534596,7045	7803946,4668	751,253m
PARÁ DE MINAS - MG	534573,1639	7803883,9528	753,117m	534596,6935	7803946,1790	751,260m
PARÁ DE MINAS - MG	534572,4552	7803879,0742	753,066m	534595,9266	7803926,1937	751,269m
PARÁ DE MINAS - MG	534571,2365	7803864,0534	752,451m	534595,8918	7803925,2875	751,260m
PARÁ DE MINAS - MG	534570,5797	7803855,9585	752,247m	534597,7081	7803913,7918	751,256m
PARÁ DE MINAS - MG	534573,0284	7803844,3351	751,743m	534596,6365	7803906,4144	751,322m
PARÁ DE MINAS - MG	534573,2439	7803843,3121	751,687m	534593,7615	7803886,6221	750,852m
PARÁ DE MINAS - MG	534576,2344	7803832,1052	750,804m	534592,3385	7803876,8257	750,526m
PARÁ DE MINAS - MG	534581,1230	7803826,6093	749,555m	534591,5216	7803866,7580	750,367m
PARÁ DE MINAS - MG	534587,9470	7803818,9376	748,596m	534590,7492	7803857,2377	749,928m
PARÁ DE MINAS - MG	534596,1087	7803813,6360	747,991m	534592,7047	7803847,9551	749,125m
PARÁ DE MINAS - MG	534601,3660	7803810,2211	747,897m	534592,9528	7803847,0256	749,044m
PARÁ DE MINAS - MG	534614,0131	7803804,8740	747,493m	534594,3340	7803841,8496	748,452m
PARÁ DE MINAS - MG	534616,6158	7803803,7736	747,369m	534601,1004	7803834,2425	747,534m
PARÁ DE MINAS - MG	534631,4753	7803795,1626	747,055m	534604,8423	7803831,8120	747,306m
PARÁ DE MINAS - MG	534635,7362	7803792,6935	747,052m	534610,7802	7803827,9549	747,152m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	534648,3374	7803784,4184	746,986m	534622,6797	7803822,9240	747,003m
PARÁ DE MINAS - MG	534655,4610	7803779,7403	746,888m	534625,5589	7803821,7067	746,955m
PARÁ DE MINAS - MG	534664,3937	7803772,5332	746,840m	534640,1587	7803813,2462	746,753m
PARÁ DE MINAS - MG	534667,8950	7803769,7083	746,840m	534646,2474	7803809,7178	746,612m
PARÁ DE MINAS - MG	534682,5202	7803764,5710	746,513m	534657,0827	7803802,6023	746,393m
PARÁ DE MINAS - MG	534691,4540	7803761,4328	746,386m	534667,2577	7803795,9205	746,278m
PARÁ DE MINAS - MG	534700,3529	7803755,8014	746,437m	534673,3494	7803791,0055	746,200m
PARÁ DE MINAS - MG	534710,8427	7803749,1631	746,497m	534679,8686	7803785,7457	746,208m
PARÁ DE MINAS - MG	534716,8706	7803744,5572	746,551m	534689,4371	7803779,1465	746,022m
PARÁ DE MINAS - MG	534727,3230	7803736,5705	746,259m	534697,0160	7803773,9196	745,798m
PARÁ DE MINAS - MG	534732,7573	7803732,4075	746,069m	534706,1280	7803768,1343	745,881m
PARÁ DE MINAS - MG	534737,0173	7803729,1441	746,016m	534716,9943	7803761,2351	746,126m
PARÁ DE MINAS - MG	534747,6902	7803719,1325	746,053m	534722,7964	7803757,0936	746,145m
PARÁ DE MINAS - MG	534752,8514	7803714,2912	746,037m	534733,5691	7803749,4040	746,016m
PARÁ DE MINAS - MG	534759,9583	7803703,4972	745,979m	534739,0161	7803745,3932	746,010m
PARÁ DE MINAS - MG	534760,9300	7803702,0215	745,969m	534745,2919	7803740,7721	746,012m
PARÁ DE MINAS - MG	534767,0697	7803692,3348	745,926m	534753,9261	7803732,1437	746,012m
PARÁ DE MINAS - MG	534769,5093	7803686,0255	745,435m	534757,8104	7803728,2620	746,010m
PARÁ DE MINAS - MG	534772,5632	7803678,1278	745,138m	534767,0192	7803717,0506	746,006m
PARÁ DE MINAS - MG	534774,5020	7803668,7640	744,961m	534769,6944	7803713,7937	746,004m
PARÁ DE MINAS - MG	534774,3221	7803666,8022	744,950m	534776,4036	7803700,7787	746,001m
PARÁ DE MINAS - MG	534772,4960	7803646,8857	745,628m	534776,9417	7803699,7706	746,000m
PARÁ DE MINAS - MG	534771,8932	7803640,3116	746,121m	534785,4980	7803683,7384	744,552m
PARÁ DE MINAS - MG	534769,3615	7803627,1547	746,121m	534786,1489	7803682,0308	744,485m
PARÁ DE MINAS - MG	534765,5824	7803607,5150	745,900m	534790,0788	7803671,7218	744,284m
PARÁ DE MINAS - MG	534765,4626	7803606,8923	745,906m	534790,6058	7803662,7699	744,257m
PARÁ DE MINAS - MG	534764,2586	7803590,2348	746,190m	534791,7811	7803642,8045	744,696m
PARÁ DE MINAS - MG	534764,5761	7803587,5888	746,288m	534792,0056	7803638,9894	744,873m
PARÁ DE MINAS - MG	534766,9591	7803567,7313	748,063m	534788,9487	7803623,1025	744,964m
PARÁ DE MINAS - MG	534767,4016	7803564,0443	748,432m	534785,3254	7803604,2727	745,031m
PARÁ DE MINAS - MG	534776,9791	7803550,8715	748,036m	534785,2660	7803603,4501	745,035m
PARÁ DE MINAS - MG	534780,6166	7803545,8685	747,721m	534784,3451	7803590,7098	745,256m
PARÁ DE MINAS - MG	534791,8899	7803537,8841	747,589m	534785,2061	7803583,5348	745,588m
PARÁ DE MINAS - MG	534796,8155	7803534,3955	747,758m	534786,6389	7803571,5955	746,118m
PARÁ DE MINAS - MG	534809,9094	7803529,5430	747,659m	534791,3287	7803565,1452	746,233m
PARÁ DE MINAS - MG	534821,0978	7803525,3966	747,399m	534794,8593	7803560,2892	746,274m
PARÁ DE MINAS - MG	534828,5892	7803522,4015	747,271m	534806,2301	7803552,2357	746,363m
PARÁ DE MINAS - MG	534846,5371	7803515,2257	747,243m	534806,2885	7803552,2141	746,363m
PARÁ DE MINAS - MG	534847,1267	7803514,9057	747,239m	534825,0421	7803545,2641	747,000m
PARÁ DE MINAS - MG	534862,7229	7803506,4429	746,985m	534828,2864	7803544,0618	747,000m
PARÁ DE MINAS - MG	534864,4593	7803505,0031	746,984m	534843,6445	7803537,9214	746,360m
PARÁ DE MINAS - MG	534874,5441	7803496,6405	746,969m	534855,0478	7803533,3623	746,416m
PARÁ DE MINAS - MG	534879,8482	7803492,2289	746,974m	534861,8324	7803529,6808	746,395m
PARÁ DE MINAS - MG	534895,2247	7803479,4397	747,015m	534873,9822	7803523,0881	746,986m
PARÁ DE MINAS - MG	534897,4519	7803477,5873	747,017m	534878,7369	7803519,1454	747,008m
PARÁ DE MINAS - MG	534911,9731	7803468,5512	747,263m	534887,3219	7803512,0266	747,012m
PARÁ DE MINAS - MG	534921,3334	7803462,7267	747,572m	534894,1240	7803506,3690	747,015m
PARÁ DE MINAS - MG	534929,7114	7803459,5066	747,825m	534909,1849	7803493,8423	747,266m
PARÁ DE MINAS - MG	534938,0560	7803456,2993	748,098m	534909,5334	7803493,6254	747,281m
PARÁ DE MINAS - MG	534948,3713	7803452,3090	748,515m	534926,5142	7803483,0588	747,947m
PARÁ DE MINAS - MG	534956,8788	7803449,0180	749,281m	534930,2846	7803480,7126	747,995m
PARÁ DE MINAS - MG	534966,9738	7803444,9652	749,778m	534944,8081	7803475,1305	747,995m
PARÁ DE MINAS - MG	534974,2738	7803442,0346	749,666m	534945,2515	7803474,9601	747,996m
PARÁ DE MINAS - MG	534984,2764	7803436,1750	748,621m	534963,4614	7803467,9159	748,115m
PARÁ DE MINAS - MG	534984,6684	7803435,8018	748,543m	534964,2124	7803467,6253	748,106m
PARÁ DE MINAS - MG	534999,1537	7803422,0114	746,433m	534982,0254	7803460,4742	746,321m
PARÁ DE MINAS - MG	535000,1347	7803421,0773	746,348m	534983,1024	7803460,0418	746,186m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	535014,2231	7803408,8639	746,014m	534996,3870	7803452,2596	745,929m
PARÁ DE MINAS - MG	535016,5059	7803406,8849	746,012m	534998,8808	7803449,8854	745,934m
PARÁ DE MINAS - MG	535026,8940	7803398,0900	746,000m	535013,3660	7803436,0950	745,576m
PARÁ DE MINAS - MG	535029,8204	7803396,4233	746,000m	535013,5876	7803435,8840	745,570m
PARÁ DE MINAS - MG	535040,3693	7803390,4157	745,541m	535028,4684	7803422,9836	745,467m
PARÁ DE MINAS - MG	535047,3905	7803386,8819	745,004m	535029,5183	7803422,0734	745,434m
PARÁ DE MINAS - MG	535065,2554	7803377,8905	745,589m	535038,4024	7803414,5518	745,261m
PARÁ DE MINAS - MG	535080,7157	7803370,1094	746,005m	535044,4590	7803411,1025	744,809m
PARÁ DE MINAS - MG	535083,1678	7803368,9986	746,006m	535049,8201	7803408,0494	744,279m
PARÁ DE MINAS - MG	535101,3856	7803360,7455	746,026m	535062,1741	7803401,8316	745,030m
PARÁ DE MINAS - MG	535112,1431	7803355,8721	746,473m	535080,0390	7803392,8402	745,347m
PARÁ DE MINAS - MG	535119,5284	7803352,3316	746,697m	535089,3415	7803388,1583	745,274m
PARÁ DE MINAS - MG	535137,5630	7803343,6858	747,878m	535098,0730	7803384,2028	745,555m
PARÁ DE MINAS - MG	535152,0258	7803336,7522	749,449m	535116,2908	7803375,9497	746,140m
PARÁ DE MINAS - MG	535155,7246	7803335,3347	749,987m	535120,5936	7803374,0005	746,514m
PARÁ DE MINAS - MG	535167,1882	7803330,9411	751,146m	535134,3687	7803367,3966	748,648m
PARÁ DE MINAS - MG	535174,4184	7803328,2256	751,887m	535152,4034	7803358,7508	750,021m
PARÁ DE MINAS - MG	535187,0028	7803323,4990	753,052m	535159,9405	7803355,1374	750,184m
PARÁ DE MINAS - MG	535193,0600	7803320,9877	753,636m	535170,8110	7803350,9712	752,462m
PARÁ DE MINAS - MG	535198,3629	7803318,7890	754,018m	535174,2831	7803349,6405	753,092m
PARÁ DE MINAS - MG	535209,7534	7803310,6146	754,274m	535189,5251	7803343,9158	754,586m
PARÁ DE MINAS - MG	535209,9281	7803310,4512	754,272m	535194,3509	7803342,1033	755,110m
PARÁ DE MINAS - MG	535218,0114	7803302,8892	754,699m	535208,0640	7803336,4177	756,184m
PARÁ DE MINAS - MG	535222,0967	7803294,9473	753,769m	535208,1516	7803336,3814	756,190m
PARÁ DE MINAS - MG	535226,4141	7803286,5541	753,829m	535222,4688	7803326,1066	757,094m
PARÁ DE MINAS - MG	535231,2893	7803277,1852	754,879m	535224,1358	7803324,5472	757,220m
PARÁ DE MINAS - MG	535234,8496	7803270,3430	755,759m	535234,2090	7803315,1237	758,014m
PARÁ DE MINAS - MG	535242,2250	7803260,5159	757,821m	535237,0478	7803309,6049	757,924m
PARÁ DE MINAS - MG	535247,7868	7803253,1052	758,808m	535244,1776	7803295,7444	759,185m
PARÁ DE MINAS - MG	535257,2119	7803247,9677	760,183m	535246,2147	7803291,8295	759,920m
PARÁ DE MINAS - MG	535264,9501	7803243,7497	761,010m	535251,8325	7803281,0334	760,933m
PARÁ DE MINAS - MG	535276,0431	7803242,3038	761,024m	535256,5324	7803274,7711	761,336m
PARÁ DE MINAS - MG	535282,2335	7803241,4969	761,002m	535261,1743	7803268,5860	761,495m
PARÁ DE MINAS - MG	535295,9068	7803243,0151	760,225m	535271,2409	7803263,0989	761,950m
PARÁ DE MINAS - MG	535300,8995	7803243,5695	760,070m	535272,0360	7803262,9953	761,956m
PARÁ DE MINAS - MG	535315,0662	7803247,3788	759,373m	535282,4252	7803261,6411	762,840m
PARÁ DE MINAS - MG	535315,3259	7803247,5419	759,374m	535291,8900	7803262,6920	763,209m
PARÁ DE MINAS - MG	535331,3495	7803257,6070	759,009m	535297,1778	7803263,2792	763,096m
PARÁ DE MINAS - MG	535332,1202	7803258,3599	758,989m	535306,9719	7803265,9127	763,074m
PARÁ DE MINAS - MG	535344,2607	7803270,2195	758,122m	535310,8144	7803268,3264	763,122m
PARÁ DE MINAS - MG	535346,3115	7803272,4476	758,021m	535318,9021	7803273,4066	762,610m
PARÁ DE MINAS - MG	535358,9303	7803286,1569	756,207m	535326,3767	7803280,7082	762,074m
PARÁ DE MINAS - MG	535359,8767	7803287,1437	756,041m	535329,9051	7803284,1550	761,721m
PARÁ DE MINAS - MG	535372,5775	7803300,3878	754,387m	535340,1093	7803295,2411	760,803m
PARÁ DE MINAS - MG	535373,8836	7803301,3963	754,125m	535344,3536	7803299,8522	760,200m
PARÁ DE MINAS - MG	535385,1841	7803310,1226	752,647m	535353,8589	7803309,7640	758,702m
PARÁ DE MINAS - MG	535390,0569	7803313,1229	752,369m	535359,1741	7803315,3065	758,068m
PARÁ DE MINAS - MG	535405,8595	7803322,8527	751,294m	535368,9258	7803322,8368	757,040m
PARÁ DE MINAS - MG	535407,1225	7803323,5491	751,299m	535373,7974	7803326,5987	756,588m
PARÁ DE MINAS - MG	535416,4287	7803328,6800	751,018m	535385,5869	7803333,8576	755,135m
PARÁ DE MINAS - MG	535425,3912	7803331,4234	750,719m	535395,7824	7803340,1352	753,792m
PARÁ DE MINAS - MG	535430,0652	7803332,8541	750,457m	535402,8116	7803344,0107	753,027m
PARÁ DE MINAS - MG	535442,2576	7803335,8079	749,617m	535408,5900	7803347,1966	752,511m
PARÁ DE MINAS - MG	535444,8183	7803335,9859	749,466m	535421,4047	7803351,1191	751,704m
PARÁ DE MINAS - MG	535455,0084	7803336,6943	749,413m	535424,7791	7803352,1521	751,506m
PARÁ DE MINAS - MG	535464,3599	7803333,8129	750,000m	535439,1879	7803355,6427	751,008m
PARÁ DE MINAS - MG	535465,6933	7803333,4020	750,000m	535440,8294	7803355,7568	750,865m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	535478,1669	7803327,7600	749,289m	535457,3375	7803356,9045	750,017m
PARÁ DE MINAS - MG	535482,7623	7803326,0181	749,091m	535460,6365	7803355,8880	750,007m
PARÁ DE MINAS - MG	535494,1850	7803321,6883	749,059m	535472,7872	7803352,1441	749,679m
PARÁ DE MINAS - MG	535501,5439	7803319,1506	749,046m	535479,4253	7803349,1416	749,430m
PARÁ DE MINAS - MG	535513,3052	7803315,0947	749,036m	535485,8400	7803346,2400	749,188m
PARÁ DE MINAS - MG	535520,5796	7803313,0400	749,014m	535497,9582	7803341,6466	748,327m
PARÁ DE MINAS - MG	535532,5897	7803309,6478	748,961m	535500,9910	7803340,4970	748,220m
PARÁ DE MINAS - MG	535539,5857	7803306,8898	748,648m	535516,8322	7803335,0343	748,298m
PARÁ DE MINAS - MG	535545,8403	7803304,4240	748,188m	535519,2883	7803334,1873	748,348m
PARÁ DE MINAS - MG	535552,9500	7803299,8255	748,098m	535536,0350	7803329,4571	748,000m
PARÁ DE MINAS - MG	535556,5912	7803296,6830	748,276m	535538,9915	7803328,6220	748,000m
PARÁ DE MINAS - MG	535565,7656	7803288,7650	748,735m	535554,7398	7803322,4137	748,000m
PARÁ DE MINAS - MG	535571,3403	7803283,1940	749,015m	535555,0291	7803322,2996	748,000m
PARÁ DE MINAS - MG	535578,1798	7803276,3592	749,490m	535564,9717	7803315,8688	748,000m
PARÁ DE MINAS - MG	535584,7905	7803268,4204	750,084m	535570,9129	7803310,7412	748,131m
PARÁ DE MINAS - MG	535597,5884	7803253,0512	751,242m	535579,3860	7803303,4285	749,663m
PARÁ DE MINAS - MG	535598,6645	7803251,7589	751,417m	535585,6161	7803297,2027	751,285m
PARÁ DE MINAS - MG	535609,7765	7803237,1957	752,321m	535592,9640	7803289,8598	753,106m
PARÁ DE MINAS - MG	535611,9233	7803234,3821	752,669m	535599,1147	7803282,4733	754,239m
PARÁ DE MINAS - MG	535621,6287	7803221,0868	754,030m	535611,9126	7803267,1041	757,220m
PARÁ DE MINAS - MG	535633,4207	7803204,9329	756,280m	535614,3062	7803264,2295	757,605m
PARÁ DE MINAS - MG	535643,1484	7803191,6070	757,848m	535624,1692	7803251,3033	759,118m
PARÁ DE MINAS - MG	535645,0478	7803188,6657	758,034m	535627,9521	7803246,3455	760,017m
PARÁ DE MINAS - MG	535655,8974	7803171,8643	758,863m	535636,0673	7803235,2285	760,931m
PARÁ DE MINAS - MG	535666,6376	7803155,2323	759,358m	535647,8593	7803219,0746	760,526m
PARÁ DE MINAS - MG	535666,7893	7803155,0995	759,366m	535659,6395	7803202,9371	760,563m
PARÁ DE MINAS - MG	535681,8440	7803141,9330	760,087m	535659,6504	7803202,9201	760,563m
PARÁ DE MINAS - MG	535683,3223	7803140,6401	760,143m	535670,5000	7803186,1187	761,268m
PARÁ DE MINAS - MG	535698,3525	7803130,6705	761,110m	535681,3496	7803169,3174	761,486m
PARÁ DE MINAS - MG	535710,5303	7803122,5929	761,526m	535681,9165	7803168,4394	761,549m
PARÁ DE MINAS - MG	535715,1607	7803119,8403	761,784m	535695,4868	7803156,5711	762,877m
PARÁ DE MINAS - MG	535732,3523	7803109,6204	762,363m	535696,2592	7803156,0587	762,978m
PARÁ DE MINAS - MG	535745,0340	7803102,0815	762,384m	535712,9261	7803145,0035	764,152m
PARÁ DE MINAS - MG	535749,5557	7803099,4202	762,242m	535721,1743	7803139,5324	764,344m
PARÁ DE MINAS - MG	535766,6242	7803089,3745	762,695m	535729,8580	7803134,3703	765,103m
PARÁ DE MINAS - MG	535766,7818	7803089,2602	762,697m	535747,0497	7803124,1504	765,420m
PARÁ DE MINAS - MG	535778,1527	7803081,0128	763,053m	535755,2162	7803119,2956	765,332m
PARÁ DE MINAS - MG	535782,2066	7803076,6534	762,839m	535764,2647	7803113,9700	765,187m
PARÁ DE MINAS - MG	535789,4030	7803068,9147	762,203m	535777,5928	7803106,1258	765,020m
PARÁ DE MINAS - MG	535794,7616	7803061,1523	762,699m	535781,2637	7803103,4632	765,117m
PARÁ DE MINAS - MG	535802,1384	7803050,4664	763,017m	535791,4722	7803096,0589	764,832m
PARÁ DE MINAS - MG	535805,5867	7803044,3572	763,151m	535796,5040	7803090,6479	764,230m
PARÁ DE MINAS - MG	535815,2728	7803027,1968	763,653m	535805,0374	7803081,4715	764,259m
PARÁ DE MINAS - MG	535815,4354	7803026,9511	763,659m	535809,2806	7803075,3248	765,106m
PARÁ DE MINAS - MG	535826,4728	7803010,2724	763,159m	535819,1111	7803061,0846	765,854m
PARÁ DE MINAS - MG	535834,0285	7802998,8549	762,827m	535820,4364	7803058,7366	765,947m
PARÁ DE MINAS - MG	535838,1328	7802994,0637	762,804m	535830,2673	7803041,3196	766,681m
PARÁ DE MINAS - MG	535850,4577	7802979,6762	762,334m	535832,3419	7803037,6440	766,785m
PARÁ DE MINAS - MG	535851,1731	7802978,9005	762,262m	535841,0501	7803024,4851	767,227m
PARÁ DE MINAS - MG	535863,8057	7802965,2030	762,023m	535850,0234	7803010,9254	767,088m
PARÁ DE MINAS - MG	535864,7676	7802964,2323	762,020m	535852,4566	7803008,0851	766,919m
PARÁ DE MINAS - MG	535878,8450	7802950,0257	761,653m	535865,4082	7802992,9659	764,004m
PARÁ DE MINAS - MG	535880,0915	7802948,7678	761,525m	535865,4705	7802992,8984	763,998m
PARÁ DE MINAS - MG	535892,7687	7802935,6686	761,648m	535878,2647	7802979,0257	763,965m
PARÁ DE MINAS - MG	535896,8044	7802931,4985	762,576m	535879,0588	7802978,2243	763,996m
PARÁ DE MINAS - MG	535904,7392	7802919,7261	764,846m	535893,1362	7802964,0177	763,879m
PARÁ DE MINAS - MG	535915,9175	7802903,1416	765,512m	535894,3811	7802962,7613	763,893m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	535923,2541	7802892,2567	765,505m	535907,0599	7802949,6606	763,823m
PARÁ DE MINAS - MG	535927,4623	7802886,8221	765,339m	535912,4030	7802944,1396	765,304m
PARÁ DE MINAS - MG	535939,7072	7802871,0087	764,827m	535919,2871	7802933,9261	767,230m
PARÁ DE MINAS - MG	535950,2414	7802857,4045	763,910m	535930,4653	7802917,3416	769,554m
PARÁ DE MINAS - MG	535952,2796	7802855,4933	763,889m	535939,4706	7802903,9810	770,532m
PARÁ DE MINAS - MG	535966,8689	7802841,8130	765,080m	535941,8509	7802900,9069	770,752m
PARÁ DE MINAS - MG	535970,2251	7802838,6660	764,953m	535954,0958	7802885,0936	769,319m
PARÁ DE MINAS - MG	535982,1117	7802828,8760	764,787m	535965,0815	7802870,9064	768,221m
PARÁ DE MINAS - MG	535994,7880	7802818,4357	765,193m	535966,5818	7802869,4995	768,224m
PARÁ DE MINAS - MG	535997,8488	7802816,5830	765,415m	535981,1711	7802855,8192	768,575m
PARÁ DE MINAS - MG	536014,9585	7802806,2265	766,797m	535983,4363	7802853,6952	768,743m
PARÁ DE MINAS - MG	536020,0924	7802803,1189	767,000m	535996,4774	7802842,9544	769,615m
PARÁ DE MINAS - MG	536033,4966	7802799,0822	766,665m	536006,3843	7802834,7950	769,802m
PARÁ DE MINAS - MG	536052,6470	7802793,3149	766,860m	536012,5143	7802831,0845	770,102m
PARÁ DE MINAS - MG	536055,2700	7802792,5250	766,860m	536028,2835	7802821,5394	769,649m
PARÁ DE MINAS - MG	536072,1338	7802788,8449	767,072m	536029,7839	7802821,0875	769,663m
PARÁ DE MINAS - MG	536091,6739	7802784,5808	767,388m	536048,9343	7802815,3203	770,655m
PARÁ DE MINAS - MG	536105,7452	7802781,5101	768,450m	536060,2932	7802811,8995	771,146m
PARÁ DE MINAS - MG	536111,2224	7802780,3559	768,665m	536068,2433	7802810,1646	771,453m
PARÁ DE MINAS - MG	536126,5555	7802777,1246	768,435m	536087,7835	7802805,9005	772,071m
PARÁ DE MINAS - MG	536130,8852	7802777,0632	768,635m	536107,3236	7802801,6364	771,073m
PARÁ DE MINAS - MG	536147,7818	7802776,8237	769,627m	536109,9395	7802801,0655	771,048m
PARÁ DE MINAS - MG	536150,8001	7802777,5384	770,148m	536126,8897	7802797,4934	773,049m
PARÁ DE MINAS - MG	536170,2619	7802782,1466	772,406m	536128,7801	7802797,0950	773,355m
PARÁ DE MINAS - MG	536188,4974	7802786,4644	774,134m	536145,5862	7802796,8568	775,552m
PARÁ DE MINAS - MG	536189,7091	7802786,8111	774,326m	536146,8126	7802797,1472	775,822m
PARÁ DE MINAS - MG	536208,9372	7802792,3136	775,461m	536166,2745	7802801,7554	777,546m
PARÁ DE MINAS - MG	536224,2184	7802796,6867	775,228m	536183,4393	7802805,8197	778,637m
PARÁ DE MINAS - MG	536228,2386	7802797,5190	774,960m	536185,7088	7802806,4692	778,876m
PARÁ DE MINAS - MG	536247,8232	7802801,5740	773,848m	536204,9369	7802811,9717	780,108m
PARÁ DE MINAS - MG	536252,8423	7802802,6131	773,467m	536219,4331	7802816,1201	780,080m
PARÁ DE MINAS - MG	536259,1454	7802806,7869	773,021m	536224,2528	7802817,1180	779,438m
PARÁ DE MINAS - MG	536264,2171	7802812,0579	772,951m	536243,8375	7802821,1729	776,160m
PARÁ DE MINAS - MG	536270,6437	7802818,7370	772,879m	536245,0135	7802821,4164	776,019m
PARÁ DE MINAS - MG	536276,4190	7802827,7815	772,538m	536246,2635	7802822,2441	775,985m
PARÁ DE MINAS - MG	536281,9508	7802836,4448	771,968m	536254,8554	7802831,1737	775,965m
PARÁ DE MINAS - MG	536289,3159	7802842,7897	772,092m	536257,4968	7802835,3102	776,020m
PARÁ DE MINAS - MG	536289,5352	7802842,9787	772,098m	536266,6736	7802849,6820	775,446m
PARÁ DE MINAS - MG	536294,6965	7802846,1182	772,249m	536268,9073	7802851,6063	775,148m
PARÁ DE MINAS - MG	536306,7708	7802848,4759	772,042m	536277,7317	7802859,2083	774,774m
PARÁ DE MINAS - MG	536308,1200	7802848,6957	772,012m	536284,8679	7802863,5491	774,944m
PARÁ DE MINAS - MG	536322,5171	7802851,0415	769,853m	536287,3560	7802865,0625	775,106m
PARÁ DE MINAS - MG	536327,5307	7802853,0824	769,093m	536303,2453	7802868,1652	773,546m
PARÁ DE MINAS - MG	536344,9549	7802860,1754	767,768m	536304,1319	7802868,3097	773,397m
PARÁ DE MINAS - MG	536345,7616	7802861,0466	767,628m	536317,0699	7802870,4177	770,631m
PARÁ DE MINAS - MG	536355,7264	7802871,8076	764,801m	536323,4527	7802873,0160	769,703m
PARÁ DE MINAS - MG	536358,2062	7802876,5300	763,970m	536333,2991	7802877,0242	767,980m
PARÁ DE MINAS - MG	536364,0433	7802887,6461	762,669m	536339,2512	7802883,4520	766,794m
PARÁ DE MINAS - MG	536365,8617	7802894,8651	762,077m	536339,5342	7802883,9909	766,760m
PARÁ DE MINAS - MG	536370,7467	7802914,2594	760,586m	536345,2302	7802894,8381	766,460m
PARÁ DE MINAS - MG	536373,4745	7802925,0893	759,360m	536347,1227	7802902,3517	766,699m
PARÁ DE MINAS - MG	536376,8117	7802933,2663	758,780m	536352,0077	7802921,7459	764,148m
PARÁ DE MINAS - MG	536377,2126	7802934,2486	758,790m	536354,4246	7802931,3413	763,436m
PARÁ DE MINAS - MG	536388,3409	7802949,5734	759,248m	536358,2428	7802940,6970	764,058m
PARÁ DE MINAS - MG	536389,3655	7802950,9845	759,377m	536359,6088	7802944,0440	764,550m
PARÁ DE MINAS - MG	536402,0709	7802964,0941	760,829m	536369,2363	7802957,3022	764,200m
PARÁ DE MINAS - MG	536408,6575	7802970,8903	761,816m	536374,0161	7802963,8844	764,328m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	536416,2763	7802978,1674	762,706m	536382,2738	7802972,4049	764,908m
PARÁ DE MINAS - MG	536426,5967	7802988,0248	762,989m	536394,5643	7802985,0864	766,729m
PARÁ DE MINAS - MG	536431,0494	7802991,6287	762,952m	536396,2564	7802986,7026	766,895m
PARÁ DE MINAS - MG	536439,2599	7802998,2740	762,710m	536410,7192	7803000,5167	768,462m
PARÁ DE MINAS - MG	536445,4413	7803005,4050	762,605m	536413,3762	7803003,0545	768,638m
PARÁ DE MINAS - MG	536451,2236	7803012,0757	762,515m	536425,3044	7803012,7088	768,038m
PARÁ DE MINAS - MG	536457,2648	7803021,4734	762,486m	536425,9464	7803013,4494	768,033m
PARÁ DE MINAS - MG	536459,9180	7803025,6009	762,601m	536435,1737	7803024,0943	767,943m
PARÁ DE MINAS - MG	536464,8136	7803039,8782	763,433m	536438,3708	7803029,0678	767,972m
PARÁ DE MINAS - MG	536470,3017	7803055,8837	764,699m	536441,7848	7803034,3786	767,392m
PARÁ DE MINAS - MG	536470,0688	7803056,1164	764,719m	536446,2240	7803047,3252	766,812m
PARÁ DE MINAS - MG	536471,0093	7803058,7011	764,967m	536447,3335	7803050,5610	766,880m
PARÁ DE MINAS - MG	536474,1621	7803067,3654	766,236m	536446,9161	7803050,9781	767,077m
PARÁ DE MINAS - MG	536479,1747	7803076,9090	767,202m	536452,3836	7803066,0035	768,615m
PARÁ DE MINAS - MG	536488,4744	7803094,6154	768,483m	536455,8288	7803075,4715	770,451m
PARÁ DE MINAS - MG	536490,3056	7803098,1017	768,447m	536460,4437	7803084,2579	771,013m
PARÁ DE MINAS - MG	536497,3589	7803112,5322	768,092m	536469,7435	7803101,9643	770,963m
PARÁ DE MINAS - MG	536504,0291	7803126,1789	766,997m	536472,4644	7803107,1448	770,374m
PARÁ DE MINAS - MG	536505,9250	7803130,5999	766,629m	536478,6774	7803119,8560	770,079m
PARÁ DE MINAS - MG	536510,3792	7803140,9859	765,985m	536485,8432	7803134,5167	769,756m
PARÁ DE MINAS - MG	536514,1607	7803148,8202	766,431m	536487,2943	7803137,9004	769,873m
PARÁ DE MINAS - MG	536516,0183	7803152,6687	766,777m	536492,1739	7803149,2784	769,768m
PARÁ DE MINAS - MG	536523,8058	7803159,2239	766,991m	536495,4862	7803156,1407	770,112m
PARÁ DE MINAS - MG	536529,1428	7803160,7374	766,968m	536499,8661	7803165,2149	771,619m
PARÁ DE MINAS - MG	536535,9263	7803162,6611	766,980m	536507,4585	7803171,6057	772,183m
PARÁ DE MINAS - MG	536545,6828	7803171,1751	767,456m	536514,2143	7803177,2925	772,954m
PARÁ DE MINAS - MG	536550,7522	7803175,5990	767,664m	536524,9599	7803180,3398	771,674m
PARÁ DE MINAS - MG	536556,3622	7803187,6267	767,831m	536526,1552	7803180,6788	771,493m
PARÁ DE MINAS - MG	536560,9112	7803197,3796	767,947m	536534,4150	7803187,8867	771,445m
PARÁ DE MINAS - MG	536563,0677	7803204,7729	768,634m	536537,7099	7803194,9511	772,404m
PARÁ DE MINAS - MG	536563,8454	7803206,0986	768,595m	536542,1395	7803204,4479	773,441m
PARÁ DE MINAS - MG	536570,4914	7803217,4283	767,643m	536544,5622	7803212,7536	774,074m
PARÁ DE MINAS - MG	536574,5104	7803222,9937	766,862m	536545,0019	7803213,5033	774,050m
PARÁ DE MINAS - MG	536580,3955	7803231,1432	767,341m	536553,7211	7803228,3672	772,543m
PARÁ DE MINAS - MG	536588,9195	7803236,2714	768,293m	536555,3413	7803230,6108	771,814m
PARÁ DE MINAS - MG	536598,2896	7803241,9087	768,648m	536566,5777	7803246,1706	770,409m
PARÁ DE MINAS - MG	536605,9328	7803246,7824	768,563m	536567,2693	7803246,5867	770,641m
PARÁ DE MINAS - MG	536615,9637	7803253,1787	768,733m	536584,4069	7803256,8971	775,680m
PARÁ DE MINAS - MG	536622,2409	7803258,3032	768,205m	536587,7561	7803258,9120	776,490m
PARÁ DE MINAS - MG	536635,5011	7803269,1284	765,758m	536601,3239	7803267,5636	777,406m
PARÁ DE MINAS - MG	536637,8150	7803270,8469	765,815m	536604,2231	7803269,4123	777,277m
PARÁ DE MINAS - MG	536653,8714	7803282,7714	766,789m	536617,0524	7803279,8857	777,235m
PARÁ DE MINAS - MG	536655,1383	7803283,7123	766,813m	536623,2084	7803284,9113	777,203m
PARÁ DE MINAS - MG	536667,8019	7803297,0914	766,483m	536632,8849	7803292,0977	776,279m
PARÁ DE MINAS - MG	536675,5971	7803305,3270	765,841m	536641,8127	7803298,7281	774,403m
PARÁ DE MINAS - MG	536680,3406	7803312,5725	766,279m	536647,9166	7803305,1768	773,694m
PARÁ DE MINAS - MG	536685,5136	7803320,4741	766,815m	536659,8432	7803317,7772	771,929m
PARÁ DE MINAS - MG	536690,1214	7803329,9710	767,223m	536661,2948	7803319,9945	771,877m
PARÁ DE MINAS - MG	536693,6079	7803337,1567	767,404m	536668,0790	7803330,3571	771,633m
PARÁ DE MINAS - MG	536698,0221	7803348,3295	767,818m	536671,4028	7803337,2076	771,450m
PARÁ DE MINAS - MG	536705,3712	7803366,9303	768,393m	536675,2844	7803345,2079	771,137m
PARÁ DE MINAS - MG	536706,5116	7803369,8169	768,572m	536679,3660	7803355,5385	771,067m
PARÁ DE MINAS - MG	536713,3118	7803385,2844	769,417m	536686,7150	7803374,1394	771,741m
PARÁ DE MINAS - MG	536720,9550	7803402,6697	769,109m	536688,0502	7803377,5188	771,906m
PARÁ DE MINAS - MG	536721,4940	7803403,5223	769,065m	536694,6371	7803392,5012	772,087m
PARÁ DE MINAS - MG	536732,1810	7803420,4276	769,307m	536702,6863	7803410,8099	771,633m
PARÁ DE MINAS - MG	536733,4294	7803422,4024	769,431m	536703,2492	7803412,0903	771,690m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	536745,1687	7803435,6007	769,988m	536713,1888	7803427,8134	772,771m
PARÁ DE MINAS - MG	536746,3101	7803436,8840	769,995m	536717,3982	7803434,4721	773,151m
PARÁ DE MINAS - MG	536758,1556	7803450,8100	770,862m	536725,4547	7803443,5299	774,591m
PARÁ DE MINAS - MG	536765,4231	7803459,3539	771,862m	536731,2191	7803450,0108	774,960m
PARÁ DE MINAS - MG	536770,4322	7803466,5689	772,472m	536738,5577	7803458,6383	775,783m
PARÁ DE MINAS - MG	536780,4435	7803480,9891	774,247m	536749,5535	7803471,5653	777,409m
PARÁ DE MINAS - MG	536781,0371	7803483,3612	774,562m	536751,2809	7803474,0534	777,703m
PARÁ DE MINAS - MG	536783,8797	7803494,7201	775,257m	536761,9294	7803489,3914	779,056m
PARÁ DE MINAS - MG	536782,9013	7803502,9530	775,600m	536762,2518	7803490,6796	779,192m
PARÁ DE MINAS - MG	536781,2149	7803517,1442	776,346m	536763,5857	7803496,0098	779,524m
PARÁ DE MINAS - MG	536780,2377	7803522,7689	776,812m	536761,8739	7803510,4139	780,631m
PARÁ DE MINAS - MG	536778,6938	7803531,6559	777,607m	536761,4180	7803514,2504	780,306m
PARÁ DE MINAS - MG	536779,3088	7803542,3495	778,767m	536758,6561	7803530,1488	779,208m
PARÁ DE MINAS - MG	536779,4756	7803542,5601	778,761m	536758,5945	7803530,5033	779,218m
PARÁ DE MINAS - MG	536791,8922	7803558,2390	778,433m	536759,7048	7803549,8097	780,135m
PARÁ DE MINAS - MG	536798,7822	7803566,9393	778,751m	536759,8922	7803550,0464	780,141m
PARÁ DE MINAS - MG	536805,1256	7803573,1848	779,045m	536772,3088	7803565,7253	780,175m
PARÁ DE MINAS - MG	536816,1016	7803583,9915	779,731m	536783,8702	7803580,3242	780,217m
PARÁ DE MINAS - MG	536818,1721	7803588,0956	779,976m	536784,8518	7803581,2907	780,234m
PARÁ DE MINAS - MG	536827,1804	7803605,9520	781,752m	536799,1035	7803595,3225	780,701m
PARÁ DE MINAS - MG	536832,3909	7803616,2801	782,930m	536799,7265	7803595,9359	780,734m
PARÁ DE MINAS - MG	536832,3812	7803618,1083	783,087m	536808,3410	7803613,0117	781,994m
PARÁ DE MINAS - MG	536834,0788	7803624,4901	783,700m	536812,5484	7803621,3516	782,750m
PARÁ DE MINAS - MG	536835,5018	7803629,8398	784,233m	536815,2884	7803631,6523	783,595m
PARÁ DE MINAS - MG	536839,2570	7803643,8081	785,224m	536816,1807	7803635,0067	783,870m
PARÁ DE MINAS - MG	536841,4481	7803651,9585	785,456m	536820,4720	7803650,9689	784,983m
PARÁ DE MINAS - MG	536844,3949	7803663,1369	785,872m	536822,1213	7803657,1037	785,281m
PARÁ DE MINAS - MG	536845,7574	7803668,3055	785,966m	536825,6000	7803670,3002	785,978m
PARÁ DE MINAS - MG	536851,3996	7803681,8306	786,115m	536826,7690	7803674,7350	786,250m
PARÁ DE MINAS - MG	536856,2330	7803693,4168	786,657m	536832,7035	7803688,9605	786,931m
PARÁ DE MINAS - MG	536859,9336	7803699,8782	787,037m	536838,2562	7803702,2712	787,808m
PARÁ DE MINAS - MG	536869,8732	7803717,2334	788,547m	536841,0282	7803707,1112	788,143m
PARÁ DE MINAS - MG	536871,4887	7803720,0541	788,703m	536850,9678	7803724,4664	789,604m
PARÁ DE MINAS - MG	536877,5605	7803735,6642	789,441m	536853,3908	7803728,6970	789,967m
PARÁ DE MINAS - MG	536881,1229	7803744,8228	790,526m	536858,8736	7803742,7929	791,499m
PARÁ DE MINAS - MG	536885,5087	7803754,0018	790,487m	536862,7545	7803752,7702	792,743m
PARÁ DE MINAS - MG	536891,2983	7803766,1189	789,460m	536866,7615	7803761,1566	793,367m
PARÁ DE MINAS - MG	536894,6042	7803771,7975	789,404m	536873,6039	7803775,4769	793,717m
PARÁ DE MINAS - MG	536904,6667	7803789,0818	789,347m	536875,6813	7803779,0452	794,229m
PARÁ DE MINAS - MG	536908,8002	7803796,1820	790,326m	536885,7437	7803796,3295	794,634m
PARÁ DE MINAS - MG	536914,2490	7803806,6309	791,699m	536891,2818	7803805,8423	794,748m
PARÁ DE MINAS - MG	536923,4968	7803824,3644	792,957m	536895,4398	7803813,8159	795,969m
PARÁ DE MINAS - MG	536924,7139	7803826,6985	792,911m	536904,6875	7803831,5494	796,176m
PARÁ DE MINAS - MG	536932,4120	7803842,2669	792,985m	536906,8811	7803835,7558	795,981m
PARÁ DE MINAS - MG	536941,2768	7803860,1949	793,518m	536913,6432	7803849,4313	794,221m
PARÁ DE MINAS - MG	536943,4422	7803864,5742	793,728m	536922,5080	7803867,3594	793,408m
PARÁ DE MINAS - MG	536951,2693	7803877,5044	795,499m	536925,8917	7803874,2025	793,612m
PARÁ DE MINAS - MG	536961,6262	7803894,6138	798,301m	536932,2954	7803884,7813	794,043m
PARÁ DE MINAS - MG	536969,0437	7803906,8675	800,858m	536942,6523	7803901,8908	798,003m
PARÁ DE MINAS - MG	536972,0261	7803911,6970	801,984m	536951,9802	7803917,3005	800,351m
PARÁ DE MINAS - MG	536982,5346	7803928,7138	805,006m	536953,0243	7803918,9911	800,711m
PARÁ DE MINAS - MG	536993,0431	7803945,7306	808,355m	536963,5328	7803936,0079	805,252m
PARÁ DE MINAS - MG	536995,7575	7803950,1261	809,115m	536974,0413	7803953,0247	807,982m
PARÁ DE MINAS - MG	537002,1715	7803963,5017	811,645m	536978,1828	7803959,7312	808,773m
PARÁ DE MINAS - MG	537010,8193	7803981,5354	815,170m	536983,4224	7803970,6576	809,604m
PARÁ DE MINAS - MG	537011,2481	7803982,4296	815,366m	536992,0702	7803988,6914	813,113m
PARÁ DE MINAS - MG	537017,5296	7804000,3700	819,016m	536992,7367	7803990,0814	813,420m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	537017,6471	7804000,7057	819,113m	536998,1734	7804005,6089	816,710m
PARÁ DE MINAS - MG	537020,7094	7804020,1099	822,647m	536998,4862	7804007,5910	817,101m
PARÁ DE MINAS - MG	537021,0722	7804022,4085	823,219m	537001,1306	7804024,3469	819,461m
PARÁ DE MINAS - MG	537021,7307	7804040,0692	828,558m	537001,2437	7804027,3815	819,802m
PARÁ DE MINAS - MG	537021,8336	7804042,8291	829,734m	537001,8045	7804042,4220	821,699m
PARÁ DE MINAS - MG	537020,4919	7804060,0150	831,857m	537001,4193	7804047,3561	822,268m
PARÁ DE MINAS - MG	537020,2957	7804062,5282	831,567m	537000,2111	7804062,8320	823,436m
PARÁ DE MINAS - MG	537022,0034	7804078,2561	831,260m	537000,6944	7804067,2828	823,641m
PARÁ DE MINAS - MG	537022,7321	7804079,7463	831,508m	537002,4983	7804083,8960	824,198m
PARÁ DE MINAS - MG	537026,6912	7804087,8432	832,671m	537003,9431	7804086,8508	824,343m
PARÁ DE MINAS - MG	537033,3833	7804094,9623	833,989m	537010,0506	7804099,3414	825,076m
PARÁ DE MINAS - MG	537034,4517	7804095,5436	834,296m	537014,2260	7804103,7832	826,169m
PARÁ DE MINAS - MG	537044,8197	7804101,1857	837,277m	537021,0072	7804110,9969	827,050m
PARÁ DE MINAS - MG	537052,9198	7804102,4375	838,464m	537029,8781	7804115,8244	828,806m
PARÁ DE MINAS - MG	537056,0168	7804102,9161	838,664m	537038,3210	7804120,4188	830,645m
PARÁ DE MINAS - MG	537072,8775	7804102,4843	841,184m	537048,5871	7804122,0053	832,731m
PARÁ DE MINAS - MG	537075,9003	7804102,4069	842,013m	537054,7354	7804122,9554	833,554m
PARÁ DE MINAS - MG	537092,8676	7804101,8563	845,305m	537068,5096	7804122,6027	834,940m
PARÁ DE MINAS - MG	537096,3865	7804101,7422	845,806m	537076,4806	7804122,3986	836,211m
PARÁ DE MINAS - MG	537104,7765	7804099,0509	847,387m	537088,5006	7804122,0086	837,873m
PARÁ DE MINAS - MG	537109,2947	7804095,3567	848,641m	537099,8313	7804121,6409	838,487m
PARÁ DE MINAS - MG	537110,0392	7804093,6828	849,105m	537108,0807	7804118,9948	840,224m
PARÁ DE MINAS - MG	537113,1677	7804086,6485	850,606m	537114,4985	7804116,9362	841,231m
PARÁ DE MINAS - MG	537116,5515	7804074,8217	852,480m	537124,7640	7804108,5428	843,598m
PARÁ DE MINAS - MG	537117,9685	7804069,8696	853,275m	537125,6362	7804107,8297	843,749m
PARÁ DE MINAS - MG	537126,2091	7804057,5169	854,729m	537132,0109	7804093,4964	846,305m
PARÁ DE MINAS - MG	537127,8824	7804055,0087	855,130m	537132,8874	7804090,4328	846,808m
PARÁ DE MINAS - MG	537142,7792	7804046,8496	855,839m	537136,3382	7804078,3722	848,687m
PARÁ DE MINAS - MG	537146,3740	7804044,8808	856,083m	537140,4757	7804072,1702	849,670m
PARÁ DE MINAS - MG	537162,0867	7804042,4384	855,731m	537141,7956	7804070,1917	849,980m
PARÁ DE MINAS - MG	537173,1185	7804040,7236	855,814m	537152,9082	7804064,1053	851,277m
PARÁ DE MINAS - MG	537181,9404	7804041,2164	855,108m	537157,8008	7804063,3448	851,594m
PARÁ DE MINAS - MG	537198,8755	7804042,1625	853,740m	537174,1075	7804060,8100	853,001m
PARÁ DE MINAS - MG	537201,6615	7804043,3753	853,852m	537177,5996	7804061,0051	853,202m
PARÁ DE MINAS - MG	537216,0505	7804049,6395	854,309m	537194,1799	7804061,9313	854,826m
PARÁ DE MINAS - MG	537219,4488	7804052,2849	854,720m	537197,2916	7804063,2860	855,183m
PARÁ DE MINAS - MG	537231,2376	7804061,4615	856,521m	537205,7552	7804066,9706	856,602m
PARÁ DE MINAS - MG	537234,6486	7804065,1997	857,226m	537214,2532	7804073,5856	858,307m
PARÁ DE MINAS - MG	537248,1294	7804079,9737	860,636m	537217,6102	7804076,1987	858,889m
PARÁ DE MINAS - MG	537251,7660	7804083,9592	861,079m	537228,2235	7804087,8302	864,411m
PARÁ DE MINAS - MG	537262,0005	7804094,3780	862,460m	537237,2402	7804097,7119	868,019m
PARÁ DE MINAS - MG	537262,0635	7804094,4422	862,472m	537241,8812	7804102,4365	869,260m
PARÁ DE MINAS - MG	537277,9878	7804104,3411	864,098m	537249,4726	7804110,1646	870,712m
PARÁ DE MINAS - MG	537279,0991	7804104,6732	864,108m	537257,2581	7804115,0042	870,806m
PARÁ DE MINAS - MG	537290,8119	7804108,1738	865,271m	537269,6995	7804122,7381	873,109m
PARÁ DE MINAS - MG	537298,5746	7804108,6152	865,005m	537274,8261	7804124,2703	874,363m
PARÁ DE MINAS - MG	537304,6302	7804108,9595	865,573m	537287,3335	7804128,0083	875,421m
PARÁ DE MINAS - MG	537318,5597	7804108,5807	868,517m	537294,2683	7804128,4026	875,771m
PARÁ DE MINAS - MG	537325,2337	7804108,3992	870,107m	537304,3338	7804128,9749	877,879m
PARÁ DE MINAS - MG	537338,5569	7804108,3074	871,134m	537314,2484	7804128,7053	880,864m
PARÁ DE MINAS - MG	537345,1063	7804108,2623	871,103m	537325,5745	7804128,3973	881,897m
PARÁ DE MINAS - MG	537358,3401	7804105,8578	870,232m	537334,2440	7804128,3376	881,076m
PARÁ DE MINAS - MG	537362,2649	7804105,1447	871,093m	537346,9768	7804128,2499	880,514m
PARÁ DE MINAS - MG	537371,2494	7804098,3562	872,037m	537354,1266	7804126,9508	881,759m
PARÁ DE MINAS - MG	537374,4064	7804094,8069	873,032m	537370,5239	7804123,9715	885,813m
PARÁ DE MINAS - MG	537385,3190	7804082,5386	875,428m	537373,1842	7804121,9614	885,683m
PARÁ DE MINAS - MG	537387,6366	7804079,8092	875,419m	537384,8812	7804113,1234	884,301m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	537397,3127	7804068,4135	874,760m	537388,4299	7804109,1338	884,892m
PARÁ DE MINAS - MG	537401,6549	7804065,8342	875,045m	537400,4156	7804095,6590	886,905m
PARÁ DE MINAS - MG	537413,4401	7804058,8338	874,813m	537401,6881	7804094,1604	886,850m
PARÁ DE MINAS - MG	537419,7034	7804058,2295	875,313m	537410,3972	7804083,9036	886,337m
PARÁ DE MINAS - MG	537430,1972	7804057,2170	875,457m	537416,0239	7804080,5614	885,723m
PARÁ DE MINAS - MG	537439,4282	7804059,2743	876,057m	537419,8106	7804078,3120	885,073m
PARÁ DE MINAS - MG	537444,6624	7804060,4408	876,018m	537428,9516	7804077,4300	886,040m
PARÁ DE MINAS - MG	537458,5496	7804065,0668	877,150m	537435,2102	7804078,8249	887,509m
PARÁ DE MINAS - MG	537461,2152	7804065,9547	877,531m	537439,3127	7804079,7393	887,653m
PARÁ DE MINAS - MG	537477,2018	7804072,2745	879,845m	537454,2999	7804084,7316	888,031m
PARÁ DE MINAS - MG	537492,0061	7804078,1268	880,945m	537454,3734	7804084,7561	888,029m
PARÁ DE MINAS - MG	537495,9129	7804079,3061	880,641m	537472,9008	7804092,0802	891,087m
PARÁ DE MINAS - MG	537513,5050	7804084,6160	881,247m	537485,4288	7804097,0328	891,860m
PARÁ DE MINAS - MG	537515,0660	7804085,0639	881,528m	537491,6789	7804098,9193	890,960m
PARÁ DE MINAS - MG	537521,2513	7804086,8386	882,717m	537507,8571	7804103,8024	890,138m
PARÁ DE MINAS - MG	537531,0283	7804087,0574	884,372m	537510,8377	7804104,6577	889,862m
PARÁ DE MINAS - MG	537534,7620	7804086,4323	884,743m	537518,2197	7804106,7758	889,812m
PARÁ DE MINAS - MG	537546,3940	7804084,4851	885,784m	537530,5368	7804107,0514	886,766m
PARÁ DE MINAS - MG	537554,3823	7804082,6067	887,060m	537532,4684	7804107,0946	885,990m
PARÁ DE MINAS - MG	537557,5586	7804081,8599	887,541m	537550,2883	7804104,1115	884,540m
PARÁ DE MINAS - MG	537568,2151	7804077,6446	888,858m	537550,3382	7804104,1031	884,540m
PARÁ DE MINAS - MG	537570,6006	7804075,5858	889,144m	537563,5577	7804100,9947	884,556m
PARÁ DE MINAS - MG	537571,1902	7804073,5431	889,524m	537569,4805	7804098,6519	885,299m
PARÁ DE MINAS - MG	537571,7108	7804071,7397	889,775m	537578,7197	7804094,9972	885,517m
PARÁ DE MINAS - MG	537570,6168	7804067,4657	890,415m	537586,3388	7804088,4215	885,514m
PARÁ DE MINAS - MG	537567,1151	7804056,0082	891,701m	537588,1677	7804086,8431	885,352m
PARÁ DE MINAS - MG	537566,7023	7804054,3276	891,839m	537592,4363	7804072,0551	885,839m
PARÁ DE MINAS - MG	537563,4375	7804041,0347	892,000m	537591,8927	7804069,9312	886,135m
PARÁ DE MINAS - MG	537563,3212	7804034,7238	892,000m	537589,8780	7804062,0603	886,769m
PARÁ DE MINAS - MG	537563,1235	7804023,9875	892,000m	537586,4071	7804050,7035	887,188m
PARÁ DE MINAS - MG	537565,1764	7804014,9560	892,000m	537586,4048	7804050,6960	887,188m
PARÁ DE MINAS - MG	537565,8596	7804011,9504	892,000m	537583,3930	7804038,4334	887,806m
PARÁ DE MINAS - MG	537571,1062	7803999,7911	891,641m	537583,2573	7804031,0695	888,194m
PARÁ DE MINAS - MG	537573,5443	7803997,0415	891,585m	537583,1649	7804026,0499	888,863m
PARÁ DE MINAS - MG	537578,7532	7803991,1668	891,182m	537584,9535	7804018,1813	889,608m
PARÁ DE MINAS - MG	537586,7181	7803983,4850	890,210m	537587,6912	7804011,8365	890,358m
PARÁ DE MINAS - MG	537587,4795	7803982,7150	890,098m	537588,1989	7804010,6599	890,646m
PARÁ DE MINAS - MG	537595,4367	7803974,6674	889,495m	537593,1995	7804005,0201	891,234m
PARÁ DE MINAS - MG	537602,2489	7803970,6856	890,193m	537600,7730	7803997,7158	890,806m
PARÁ DE MINAS - MG	537602,9998	7803970,4332	890,290m	537601,2364	7803997,2471	890,718m
PARÁ DE MINAS - MG	537614,3400	7803966,6203	892,115m	537607,8050	7803990,6039	889,360m
PARÁ DE MINAS - MG	537622,3743	7803966,4565	892,929m	537610,5688	7803988,9885	888,761m
PARÁ DE MINAS - MG	537630,4153	7803966,2925	893,446m	537617,6364	7803986,6122	887,484m
PARÁ DE MINAS - MG	537642,0546	7803969,0317	892,271m	537617,8103	7803986,5537	887,461m
PARÁ DE MINAS - MG	537642,1423	7803969,0523	892,260m	537628,2950	7803986,3399	885,372m
PARÁ DE MINAS - MG	537655,7901	7803976,2160	890,304m	537635,0923	7803987,9395	883,803m
PARÁ DE MINAS - MG	537658,9532	7803979,4115	889,511m	537637,1701	7803989,0302	883,177m
PARÁ DE MINAS - MG	537665,7259	7803986,2537	887,957m	537643,7538	7803992,4859	881,887m
PARÁ DE MINAS - MG	537671,3384	7803994,9768	886,196m	537650,0392	7803998,8358	879,876m
PARÁ DE MINAS - MG	537674,0011	7803999,1152	885,491m	537652,0033	7804001,8884	879,251m
PARÁ DE MINAS - MG	537680,4221	7804004,1568	883,331m	537659,0028	7804012,7672	878,380m
PARÁ DE MINAS - MG	537687,3155	7804004,7057	882,059m	537664,5588	7804017,1296	876,687m
PARÁ DE MINAS - MG	537688,7898	7804004,8231	881,861m	537672,8180	7804023,6146	873,591m
PARÁ DE MINAS - MG	537698,6307	7804003,2323	880,499m	537682,2871	7804024,3686	874,487m
PARÁ DE MINAS - MG	537704,0303	7804000,8633	879,723m	537689,6035	7804024,9512	874,467m
PARÁ DE MINAS - MG	537706,2269	7803999,3702	879,451m	537702,1017	7804022,9308	875,523m
PARÁ DE MINAS - MG	537708,7181	7803997,6768	879,084m	537704,3351	7804022,5698	875,735m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	537713,7457	7803991,0697	878,301m	537713,7513	7804018,4386	875,427m
PARÁ DE MINAS - MG	537717,3737	7803983,7399	878,060m	537719,9168	7804014,2477	874,997m
PARÁ DE MINAS - MG	537717,5771	7803983,2758	878,049m	537722,6590	7804012,3836	874,712m
PARÁ DE MINAS - MG	537721,2087	7803974,9915	877,772m	537730,8211	7804001,6573	873,780m
PARÁ DE MINAS - MG	537724,4051	7803964,5135	877,792m	537732,2431	7803998,7843	873,613m
PARÁ DE MINAS - MG	537727,0576	7803955,8183	875,926m	537735,5044	7803992,1953	872,982m
PARÁ DE MINAS - MG	537727,2867	7803944,9115	874,855m	537739,9965	7803981,9479	871,931m
PARÁ DE MINAS - MG	537727,4793	7803935,7371	874,357m	537740,4223	7803980,5521	871,830m
PARÁ DE MINAS - MG	537733,7643	7803926,9252	873,249m	537746,2579	7803961,4225	869,651m
PARÁ DE MINAS - MG	537735,6452	7803924,2880	873,190m	537746,9951	7803959,0060	869,146m
PARÁ DE MINAS - MG	537746,4481	7803915,5819	871,100m	537747,3453	7803942,3266	866,256m
PARÁ DE MINAS - MG	537749,1698	7803914,6209	870,251m	537747,8044	7803941,6830	866,096m
PARÁ DE MINAS - MG	537762,8422	7803909,7934	868,058m	537750,3334	7803938,1372	864,700m
PARÁ DE MINAS - MG	537767,8487	7803907,5156	866,593m	537756,3336	7803933,3016	861,994m
PARÁ DE MINAS - MG	537772,0388	7803905,6092	864,885m	537763,8192	7803930,6585	860,240m
PARÁ DE MINAS - MG	537780,6325	7803897,4875	864,483m	537770,3272	7803928,3607	859,445m
PARÁ DE MINAS - MG	537783,1902	7803894,9935	864,105m	537782,2495	7803922,9363	858,480m
PARÁ DE MINAS - MG	537791,0594	7803887,3198	861,585m	537783,3542	7803922,4337	858,354m
PARÁ DE MINAS - MG	537796,1294	7803879,8733	860,999m	537794,4835	7803911,9158	857,336m
PARÁ DE MINAS - MG	537800,8051	7803873,0057	859,515m	537796,9702	7803909,4909	856,969m
PARÁ DE MINAS - MG	537808,3011	7803864,0331	858,167m	537806,4609	7803900,2362	854,543m
PARÁ DE MINAS - MG	537809,5493	7803862,5391	858,079m	537810,2563	7803894,6616	853,724m
PARÁ DE MINAS - MG	537819,3684	7803852,2260	855,899m	537816,7839	7803885,0740	852,482m
PARÁ DE MINAS - MG	537822,5252	7803850,0869	854,901m	537822,1702	7803878,6267	851,771m
PARÁ DE MINAS - MG	537832,9709	7803843,0089	852,481m	537824,4816	7803875,8600	851,271m
PARÁ DE MINAS - MG	537840,0185	7803840,8116	850,660m	537832,3691	7803867,5757	849,822m
PARÁ DE MINAS - MG	537847,0963	7803838,6048	849,215m	537836,4721	7803864,7955	848,991m
PARÁ DE MINAS - MG	537859,6821	7803838,5252	846,591m	537841,7443	7803861,2231	848,243m
PARÁ DE MINAS - MG	537864,0623	7803838,4975	845,773m	537850,2037	7803858,5855	847,195m
PARÁ DE MINAS - MG	537879,2603	7803842,1026	843,538m	537854,9740	7803858,5553	846,473m
PARÁ DE MINAS - MG	537884,0785	7803843,2455	843,002m	537861,7851	7803858,5123	845,189m
PARÁ DE MINAS - MG	537897,7600	7803849,5115	841,195m	537874,6178	7803861,5563	842,841m
PARÁ DE MINAS - MG	537906,4288	7803853,4816	839,567m	537877,5436	7803862,2504	842,457m
PARÁ DE MINAS - MG	537916,1647	7803857,3203	837,395m	537892,9934	7803869,3261	840,407m
PARÁ DE MINAS - MG	537929,7614	7803862,6813	835,932m	537898,5912	7803871,8899	839,750m
PARÁ DE MINAS - MG	537934,7858	7803864,6176	835,586m	537911,4693	7803876,9675	837,777m
PARÁ DE MINAS - MG	537949,3035	7803870,2126	834,069m	537922,4972	7803881,3156	836,328m
PARÁ DE MINAS - MG	537953,6109	7803871,2957	833,380m	537930,0982	7803884,2449	835,476m
PARÁ DE MINAS - MG	537962,2751	7803873,4742	831,943m	537943,2466	7803889,3122	833,723m
PARÁ DE MINAS - MG	537972,5570	7803875,0852	830,472m	537948,9771	7803890,7531	832,971m
PARÁ DE MINAS - MG	537973,2025	7803875,2169	830,385m	537958,2803	7803893,0923	831,944m
PARÁ DE MINAS - MG	537990,6265	7803878,7704	828,950m	537968,5621	7803894,7033	830,942m
PARÁ DE MINAS - MG	537992,7857	7803879,2748	828,816m	537969,0089	7803894,7733	830,902m
PARÁ DE MINAS - MG	538011,9551	7803883,7529	828,023m	537986,3525	7803898,3104	829,646m
PARÁ DE MINAS - MG	538012,2559	7803883,8445	828,021m	537988,1512	7803898,7306	829,421m
PARÁ DE MINAS - MG	538031,3881	7803889,6718	828,275m	538006,7610	7803903,0780	827,811m
PARÁ DE MINAS - MG	538050,5204	7803895,4991	829,820m	538007,6116	7803903,3371	827,777m
PARÁ DE MINAS - MG	538069,6526	7803901,3264	831,586m	538026,7438	7803909,1644	827,300m
PARÁ DE MINAS - MG	538087,7718	7803906,8452	831,242m	538045,8761	7803914,9917	827,406m
PARÁ DE MINAS - MG	538088,7527	7803907,2444	831,103m	538065,0083	7803920,8190	828,253m
PARÁ DE MINAS - MG	538107,2775	7803914,7831	828,938m	538081,0750	7803925,7126	828,906m
PARÁ DE MINAS - MG	538125,8023	7803922,3218	826,509m	538084,0432	7803926,9205	828,839m
PARÁ DE MINAS - MG	538137,6965	7803927,1622	825,337m	538102,5680	7803934,4592	827,467m
PARÁ DE MINAS - MG	538144,7670	7803928,2815	824,964m	538121,0928	7803941,9979	825,732m
PARÁ DE MINAS - MG	538154,3936	7803929,8054	825,146m	538132,2927	7803946,5558	824,709m
PARÁ DE MINAS - MG	538164,6368	7803930,2659	825,499m	538140,1036	7803947,7923	824,124m
PARÁ DE MINAS - MG	538179,7324	7803930,9445	825,715m	538152,3746	7803949,7349	823,971m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	538184,6182	7803930,7625	825,983m	538159,9432	7803950,0751	823,983m
PARÁ DE MINAS - MG	538193,8430	7803930,4190	826,423m	538179,6554	7803950,9612	824,489m
PARÁ DE MINAS - MG	538204,5895	7803929,7261	826,873m	538179,9231	7803950,9512	824,496m
PARÁ DE MINAS - MG	538216,4168	7803928,9636	827,289m	538194,8588	7803950,3950	824,718m
PARÁ DE MINAS - MG	538224,5591	7803928,6546	827,927m	538199,9023	7803950,0698	824,625m
PARÁ DE MINAS - MG	538231,6529	7803928,3854	827,961m	538217,4396	7803948,9392	824,547m
PARÁ DE MINAS - MG	538244,4817	7803929,7492	828,351m	538219,8641	7803948,8472	824,572m
PARÁ DE MINAS - MG	538247,3802	7803930,0574	828,610m	538230,9714	7803948,4256	824,947m
PARÁ DE MINAS - MG	538262,0647	7803938,7904	827,380m	538239,8063	7803949,3649	824,484m
PARÁ DE MINAS - MG	538264,4714	7803940,2217	827,467m	538240,9165	7803949,4829	824,438m
PARÁ DE MINAS - MG	538279,0409	7803949,3631	825,404m	538254,0437	7803957,2897	823,117m
PARÁ DE MINAS - MG	538295,9823	7803959,9927	822,832m	538257,1020	7803959,2086	822,815m
PARÁ DE MINAS - MG	538312,9237	7803970,6224	820,130m	538274,0434	7803969,8382	820,645m
PARÁ DE MINAS - MG	538313,0798	7803970,7203	820,100m	538290,9848	7803980,4679	819,463m
PARÁ DE MINAS - MG	538330,9830	7803979,2137	817,008m	538303,4457	7803988,2863	818,701m
PARÁ DE MINAS - MG	538340,8815	7803983,9097	815,585m	538308,2245	7803990,5534	818,155m
PARÁ DE MINAS - MG	538349,4311	7803986,8593	814,583m	538326,2942	7803999,1259	813,436m
PARÁ DE MINAS - MG	538363,2326	7803991,6209	812,261m	538333,3107	7804002,4545	812,747m
PARÁ DE MINAS - MG	538368,5396	7803992,6196	811,572m	538344,8758	7804006,4445	812,312m
PARÁ DE MINAS - MG	538376,7803	7803994,1703	810,981m	538358,0944	7804011,0050	812,288m
PARÁ DE MINAS - MG	538388,2493	7803996,0041	810,932m	538364,0074	7804012,1177	811,992m
PARÁ DE MINAS - MG	538392,2397	7803996,6421	810,916m	538373,3514	7804013,8761	811,785m
PARÁ DE MINAS - MG	538406,4445	7804003,9161	810,883m	538383,7118	7804015,5326	811,592m
PARÁ DE MINAS - MG	538424,2462	7804013,0320	810,958m	538385,9484	7804015,8903	811,551m
PARÁ DE MINAS - MG	538442,0480	7804022,1478	810,754m	538401,7341	7804023,9737	811,899m
PARÁ DE MINAS - MG	538459,8497	7804031,2637	810,744m	538419,5358	7804033,0896	810,584m
PARÁ DE MINAS - MG	538477,6514	7804040,3795	812,456m	538437,3375	7804042,2054	809,712m
PARÁ DE MINAS - MG	538486,9734	7804045,1531	815,153m	538455,1392	7804051,3213	809,506m
PARÁ DE MINAS - MG	538496,3173	7804047,0112	817,306m	538472,9409	7804060,4371	808,977m
PARÁ DE MINAS - MG	538502,6558	7804048,2716	818,023m	538480,3386	7804064,2253	808,962m
PARÁ DE MINAS - MG	538516,1925	7804048,4043	818,540m	538491,8029	7804066,5051	809,176m
PARÁ DE MINAS - MG	538521,3766	7804048,4551	819,561m	538500,5895	7804068,2524	808,676m
PARÁ DE MINAS - MG	538536,1437	7804049,6542	820,321m	538511,6304	7804068,3605	808,292m
PARÁ DE MINAS - MG	538555,5386	7804051,2292	822,924m	538520,4681	7804068,4471	808,501m
PARÁ DE MINAS - MG	538556,0781	7804051,2721	822,963m	538531,5933	7804069,3505	808,914m
PARÁ DE MINAS - MG	538576,0150	7804052,8594	822,075m	538551,5277	7804070,9693	809,501m
PARÁ DE MINAS - MG	538589,7588	7804053,9536	821,292m	538553,9356	7804071,1648	809,546m
PARÁ DE MINAS - MG	538595,9672	7804054,1869	820,884m	538571,4643	7804072,5604	811,332m
PARÁ DE MINAS - MG	538615,9531	7804054,9379	819,150m	538588,5891	7804073,9238	812,657m
PARÁ DE MINAS - MG	538621,7228	7804055,1547	818,522m	538591,4081	7804074,0297	813,019m
PARÁ DE MINAS - MG	538635,9038	7804054,0221	817,634m	538611,3940	7804074,7807	813,800m
PARÁ DE MINAS - MG	538655,8404	7804052,4299	816,460m	538622,1449	7804075,1847	814,270m
PARÁ DE MINAS - MG	538675,7769	7804050,8376	815,261m	538631,3571	7804074,4490	813,866m
PARÁ DE MINAS - MG	538689,0431	7804049,7781	814,379m	538651,2936	7804072,8567	812,683m
PARÁ DE MINAS - MG	538695,7346	7804049,8060	813,890m	538671,2301	7804071,2644	811,001m
PARÁ DE MINAS - MG	538715,7344	7804049,8893	812,661m	538689,7989	7804069,7814	809,961m
PARÁ DE MINAS - MG	538734,1060	7804049,9659	811,589m	538691,1710	7804069,7871	809,853m
PARÁ DE MINAS - MG	538735,7313	7804049,8684	811,692m	538711,1708	7804069,8705	808,146m
PARÁ DE MINAS - MG	538755,6955	7804048,6714	810,545m	538731,1706	7804069,9538	808,472m
PARÁ DE MINAS - MG	538771,5850	7804047,7187	810,066m	538734,6634	7804069,9684	808,460m
PARÁ DE MINAS - MG	538775,6573	7804047,4386	809,803m	538751,1410	7804068,9804	806,313m
PARÁ DE MINAS - MG	538795,6102	7804046,0662	808,743m	538771,1052	7804067,7834	807,370m
PARÁ DE MINAS - MG	538809,8039	7804045,0899	807,109m	538772,8697	7804067,6776	807,335m
PARÁ DE MINAS - MG	538815,3655	7804043,5429	806,670m	538791,0590	7804066,4265	806,823m
PARÁ DE MINAS - MG	538822,2999	7804041,6140	805,908m	538811,0119	7804065,0541	805,477m
PARÁ DE MINAS - MG	538830,3046	7804036,9021	805,220m	538813,2048	7804064,9032	805,353m
PARÁ DE MINAS - MG	538832,2656	7804033,9865	805,038m	538830,1859	7804060,1797	804,306m

Detalhamento das coordenadas adutora Pará de Minas - Completo - 247.17.A.7.008.15.18.RT-005

MUNICÍPIO	Borda 1			Borda 2		
	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)	ESTE	NORTE	ELEVAÇÃO (TERRENO NATURAL)
PARÁ DE MINAS - MG	538834,6938	7804030,3762	804,603m	538830,3376	7804060,0904	804,294m
PARÁ DE MINAS - MG	538838,8713	7804020,1417	803,832m	538844,3649	7804051,8334	803,255m
PARÁ DE MINAS - MG	538840,2768	7804015,7671	803,731m	538846,4427	7804048,7442	803,113m
PARÁ DE MINAS - MG	538841,6245	7804011,5725	803,809m	538852,4350	7804039,8348	802,500m
PARÁ DE MINAS - MG	538853,8479	7804001,8891	803,204m	538855,9355	7804031,2588	801,827m
PARÁ DE MINAS - MG	538853,8586	7804001,8807	803,203m	538857,6780	7804026,9897	801,378m
PARÁ DE MINAS - MG	538870,6229	7803998,1452	803,061m	538858,8070	7804023,4759	801,274m
PARÁ DE MINAS - MG	538873,4043	7803997,7390	803,056m	538862,6837	7804020,4047	801,115m
PARÁ DE MINAS - MG	538893,1944	7803994,8485	802,808m	538869,2745	7804018,9361	801,031m
PARÁ DE MINAS - MG	538896,8303	7803994,3175	802,948m	538874,2479	7804017,8279	801,060m
PARÁ DE MINAS - MG	538913,1372	7803995,0975	804,142m	538888,9961	7804015,6739	800,994m
PARÁ DE MINAS - MG	538924,7777	7803995,6543	805,201m	538897,8068	7804014,3871	801,575m
PARÁ DE MINAS - MG	538932,7882	7803997,9972	805,524m	538908,8899	7804014,9172	802,841m
PARÁ DE MINAS - MG	538951,9840	7804003,6117	806,404m	538921,4462	7804015,5178	804,171m
PARÁ DE MINAS - MG	538971,1798	7804009,2262	806,894m	538928,7153	7804017,0528	804,656m
PARÁ DE MINAS - MG	538988,7282	7804014,3588	808,176m	538948,2837	7804021,1851	805,256m
PARÁ DE MINAS - MG	538990,3642	7804014,8778	808,272m	538967,8522	7804025,3174	805,692m
PARÁ DE MINAS - MG	539004,7327	7804019,4361	809,095m	538984,5544	7804028,8444	806,412m
PARÁ DE MINAS - MG				538987,3393	7804029,7532	806,595m
PARÁ DE MINAS - MG				538999,8221	7804033,8271	807,688m
PARÁ DE MINAS - MG				538999,8221	7804033,8271	807,688m