

Annex D - Hydrotechnical works coordinates -- Stereo 70 national projection system,
Vardim 2

Location / works limits	
Stereo 70 coordinates	
Longitude X	Latitude Y
541616.2505	239237.9043
542000.9942	239272.8873
542859.6135	239332.9365
542798.2712	239307.6204
542659.094	239282.0064
542503.9847	239275.2549
542402.4602	239258.7882
542333.5249	239237.2726
542306.0886	239219.1361
542293.1069	239169.2591
542318.4017	239131.4868
542430.8406	239067.5617
542634.8617	239010.2426
542866.2301	238968.1918
543027.1993	238945.0713
543365.3392	238887.7287
543399.5662	238885.3513
543900.4394	238901.9142
543941.1463	238898.1757
543726.0958	238509.2089
542665.0535	238584.9606
541802.7771	238780.6348
541197.7987	238972.4071
541207.9713	239094.3654
541616.2505	239237.9043
536472.699	236170.9141
536294.0309	236382.5894
536803.3011	236967.4939
538734.7504	237947.0117
540379.1449	238193.0968
540703.8192	238136.3167
540468.7195	238011.7331
539384.0845	237700.8335
538962.308	237624.4258
538561.9798	237482.3467
537647.0545	236996.8495
537262.3072	236751.7721
536975.2495	236542.1604
536772.7463	236433.8196
536472.699	236170.9141
544697.9184	238020.9092
544689.1447	238019.8106
544580.5834	238010.4371
544538.4676	238287.9175
544658.7286	238298.3013
544658.7286	238298.3013
544700.7602	238021.3766
544697.9184	238020.9092
544689.1447	238019.8106
544568.182	238009.3663
544561.5706	238008.9869
544400.7743	238004.3947
544296.6792	238001.3925
544293.5965	238001.3376
544288.34	238001.416
544014.4245	238011.4368
543874.3352	238015.0788
543872.3572	238015.1473
543733.4947	238021.1498
543730.5938	238021.3119
543516.1362	238036.0166
543511.92	238036.3837
543360.1975	238052.4123
543357.9892	238052.6672
543205.9306	238071.7095
543204.5418	238071.8919
543034.5477	238095.2862

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Location / works limits	
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Longitude X	Latitude Y
543030.8892	238095.8481
543029.5012	238096.0897
542937.6895	238112.4971
542841.2724	238127.7557
542839.6055	238128.029
542835.6993	238128.7587
542758.8513	238144.4459
542696.0927	238157.2891
542649.3949	238166.9034
542643.4717	238168.2871
542556.0917	238191.1518
542503.9392	238204.7375
542494.0695	238207.7768
542491.0172	238208.8978
542458.3267	238221.252
542401.9566	238239.2663
542401.4392	238239.4329
542340.3001	238259.2902
542337.1397	238260.3668
542336.3876	238260.6368
542281.0589	238280.6117
542241.7396	238292.7411
542237.1172	238294.275
542163.2129	238320.548
542160.4509	238321.5715
542075.2458	238354.3842
541990.6804	238386.6069
541988.4658	238387.477
541918.8469	238415.6671
541910.5804	238419.4002
541873.528	238437.9245
541803.8621	238467.9429
541785.0986	238475.0392
541741.1379	238486.0587
541732.2503	238488.6709
541675.9512	238507.7133
541645.7512	238516.4145
541577.4302	238531.9739
541574.1773	238532.7647
541544.7226	238540.3807
541511.5034	238546.6435
541509.9789	238546.9417
541441.4173	238560.8289
541391.6591	238569.8501
541386.0805	238571.0049
541300.5345	238590.9341
541250.9395	238600.8712
541247.9827	238601.5041
541193.0373	238614.0239
541187.4559	238615.4434
541050.4697	238653.9614
540983.2169	238666.9694
540929.9695	238675.8413
540929.0143	238676.002
540922.9687	238677.179
540917.0262	238678.635
540837.8241	238700.0658
540799.4661	238705.1558
540754.6276	238710.2348
540747.9101	238711.1853
540743.643	238711.9802
540696.0759	238721.6241
540654.9633	238726.8183
540653.8573	238726.9634
540627.9015	238730.4988
540601.4352	238732.2994
540537.5041	238736.8141

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Location / works limits	
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Longitude X	Latitude Y
540489.6261	238739.0548
540482.7368	238739.5851
540406.0698	238747.8077
540367.5613	238748.8204
540331.1292	238749.7558
540328.2091	238749.8679
540275.5593	238752.5594
540241.4584	238751.8505
540240.3905	238751.8333
540192.907	238751.2873
540138.6031	238745.7743
540135.449	238745.4978
540100.7173	238742.9352
540049.5182	238733.1491
540048.0393	238732.8727
540042.8847	238732.0494
540004.3502	238726.7706
539947.1451	238712.9851
539943.1049	238712.0881
539861.1779	238695.4384
539803.0059	238680.6368
539701.4103	238653.2175
539614.414	238629.6193
539558.8786	238611.0919
539553.8254	238609.5342
539445.9395	238578.9743
539398.045	238564.4295
539339.4611	238546.0663
539338.3694	238545.73
539254.8581	238520.4612
539200.829	238504.2068
539138.6745	238480.9526
539137.376	238480.4774
539074.3612	238457.8446
539025.0396	238438.4363
539022.7532	238437.5626
539021.1559	238436.982
538953.0918	238412.7223
538803.5866	238351.1587
538800.6437	238349.9939
538053.9614	238066.2907
537686.9072	237927.649
537581.4562	237880.7779
537532.0847	237858.4175
537474.4631	237827.8183
537468.901	237825.0363
537463.21	237822.5288
537421.6841	237805.4284
537375.1685	237778.1804
537370.6964	237775.6944
537343.5218	237761.3679
537330.6361	237752.8854
537328.8785	237751.7513
537287.7207	237725.7178
537278.3324	237716.9226
537273.9622	237713.0251
537271.9469	237711.3447
537259.4941	237701.1441
537238.9295	237672.7295
537233.6149	237665.8744
537226.389	237657.8921
537212.4325	237643.7539
537177.3064	237591.576
537173.2688	237585.9514
537142.5885	237545.8197
537106.9649	237498.0254
537067.7371	237434.899

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Location / works limits	
Stereo 70 coordinates	
Longitude X	Latitude Y
537062.8297	237427.6346
537028.6405	237380.9638
536981.9265	237316.616
536979.7032	237313.6548
536940.0782	237262.6123
536937.0329	237258.8181
536929.7227	237250.7801
536872.3664	237193.204
536826.3529	237132.3948
536822.7498	237127.8483
536818.0214	237122.4411
536813.4092	237117.6889
536763.0357	237068.413
536756.981	237062.895
536755.8897	237061.9737
536728.7372	237039.151
536721.4127	237033.4817
536704.1481	237021.1971
536665.4544	236982.0066
536657.4383	236974.5727
536650.1792	236968.8022
536643.4707	236964.1376
536607.7294	236940.9482
536566.2805	236906.4123
536561.4974	236902.6371
536515.5866	236868.3337
536510.2028	236864.524
536504.6293	236860.9977
536390.0325	236792.5765
536321.5608	236744.1665
536316.5317	236740.8058
536160.2526	236642.2109
536004.152	236542.8423
535893.6236	236471.1852
535888.4482	236467.9971
535881.7181	236464.3357
535781.1754	236413.5862
535776.7858	236411.4859
535635.997	236347.7441
535628.394	236344.6208
535626.7596	236344.0227
535430.1416	236272.9151
535288.3671	236216.4269
535285.2546	236215.2311
535280.7206	236213.6533
535073.1092	236145.9185
534975.231	236106.7042
534900.632	236378.5306
534973.5297	236407.7368
534976.8483	236409.0151
534981.4013	236410.5995
535189.14	236478.3758
535328.8518	236534.0423
535331.5917	236535.0949
535332.6834	236535.4944
535526.2728	236605.5066
535658.0911	236665.1869
535748.0868	236710.6127
535852.3648	236778.2177
535853.1694	236778.7347
536010.1214	236878.6452
536010.5151	236878.8948
536163.4199	236975.3608
536233.5495	237024.9428
536240.9874	237029.7823
536354.274	237097.4211
536390.357	237124.3813

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Location / works limits	
Stereo 70 coordinates	
Longitude X	Latitude Y
536435.4345	237161.9407
536441.4126	237166.6272
536447.6588	237170.9495
536477.6073	237190.3804
536514.1707	237227.4132
536522.3806	237235.0269
536530.9907	237241.7239
536553.6204	237257.826
536571.5963	237272.9353
536609.6438	237310.1536
536655.1081	237370.2374
536659.014	237375.1659
536666.4278	237383.3177
536724.3976	237441.5095
536756.8417	237483.302
536802.2054	237545.7898
536802.4975	237546.1902
536833.176	237588.0688
536872.7643	237651.7755
536878.2378	237659.8057
536918.6362	237714.006
536919.4809	237715.125
536947.7503	237752.1029
536987.7608	237811.5364
536991.4523	237816.7346
536996.0682	237822.5909
537003.159	237830.4237
537018.7985	237846.267
537043.7435	237880.7342
537049.0642	237887.5973
537057.0907	237896.4566
537065.4126	237904.169
537067.7949	237906.1556
537090.6993	237924.9173
537106.365	237939.5933
537111.2244	237943.9271
537118.6984	237949.8342
537126.0602	237954.8592
537177.8948	237987.6461
537195.7562	237999.404
537201.3949	238002.9056
537206.4066	238005.6908
537236.8223	238021.7258
537289.3328	238052.4857
537297.151	238056.7037
537305.2068	238060.3526
537349.6819	238078.6673
537405.3142	238108.2102
537411.8075	238111.4008
537466.4424	238136.145
537467.178	238136.475
537577.4599	238185.4933
537583.5357	238187.9887
537954.7222	238328.191
538699.0407	238610.9961
538849.9862	238673.1529
538853.9495	238674.7029
538855.7297	238675.3502
538924.8332	238699.9803
538973.9978	238719.3268
538976.255	238720.1892
538977.5886	238720.6759
539041.6959	238743.7012
539107.9159	238768.4766
539114.9595	238770.8451
539173.9821	238788.6018
539256.4748	238813.5625

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Location / works limits	
Stereo 70 coordinates	
Longitude X	Latitude Y
539314.9706	238831.8981
539315.9509	238832.2006
539366.0422	238847.4126
539368.1177	238848.0217
539473.8446	238877.9701
539530.253	238896.7887
539536.5422	238898.6891
539628.2582	238923.5675
539731.1806	238951.3449
539732.7881	238951.7663
539796.0071	238967.8521
539801.4635	238969.1001
539884.4171	238985.9583
539946.2497	239000.8589
539953.0803	239002.3045
539958.8215	239003.2214
540000.6644	239008.9535
540056.1676	239019.5624
540057.7567	239019.8595
540064.6015	239020.9211
540071.3882	239021.6047
540112.5756	239024.6437
540171.986	239030.6751
540182.2824	239031.2558
540236.4052	239031.8782
540274.9549	239032.6795
540277.3562	239032.7118
540284.1174	239032.5599
540340.4146	239029.6818
540374.82	239028.7984
540420.0811	239027.6083
540429.3248	239026.992
540507.6724	239018.5891
540552.5515	239016.4887
540555.2772	239016.3288
540620.8071	239011.701
540652.4654	239009.5474
540660.1827	239008.7602
540690.856	239004.5824
540736.8782	238998.7679
540742.1248	238997.991
540746.2331	238997.2257
540792.9138	238987.7614
540832.562	238983.2704
540834.7466	238983.0017
540884.3149	238976.4241
540889.0475	238975.7084
540895.4992	238974.452
540901.4402	238972.9965

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Location / works limits	
Stereo 70 coordinates	
Longitude X	Latitude Y
540982.8919	238950.957
541031.0804	238942.9281
541031.7247	238942.8197
541034.3395	238942.3447
541110.3873	238927.6357
541119.6808	238925.4344
541259.2884	238886.1793
541308.0871	238875.0601
541358.0772	238865.0439
541361.5776	238864.2857
541445.6446	238844.7011
541493.0405	238836.1083
541495.3557	238835.664
541564.4917	238821.6605
541602.0191	238814.5854
541609.5041	238812.9142
541641.9614	238804.5217
541712.4979	238788.4578
541718.8017	238786.8332
541757.1095	238775.7961
541762.1188	238774.2282
541815.6856	238756.1101
541861.6699	238744.5834
541867.6375	238742.9326
541873.7421	238740.9201
541876.3479	238739.9626
541906.4295	238728.5861
541911.2584	238726.6338
541988.6611	238693.2818
541994.5808	238690.5293
542030	238672.8215
542091.9985	238647.7171
542175.244	238615.9975
542175.6247	238615.8516
542259.1029	238583.7039
542327.6388	238559.3395
542367.2991	238547.1048
542372.0767	238545.5166
542373.0021	238545.1847
542429.3148	238524.8546
542487.5696	238505.9342
542547.4494	238486.7983
542551.2986	238485.4971
542553.7103	238484.6114
542582.8268	238473.6079
542626.857	238462.1381
542710.1489	238440.3431
542752.4363	238431.6369
542814.9354	238418.847
542888.2605	238403.8789
542982.9764	238388.8896
542984.3421	238388.6659
542985.4813	238388.4673
543075.8976	238372.3094
543241.7252	238349.4885
543391.203	238330.7696
543538.3252	238315.2269
543747.6703	238300.8729
543883.0369	238295.0216
544022.5736	238291.3941
544023.7895	238291.356
544293.46	238281.4907
544392.7394	238284.354
544548.8246	238288.8117
544658.7286	238298.3013
544658.7286	238298.3013