

CALCULO DE COORDENADAS

sOKKAD

VÍA SAN ANTONIO-SAN MIGUEL

POLIGONAL BASE CON FACTOR DE ESCALA DE CIERRE GEODÉSICO DE PUNTOS DECONTROL = 0.999657581211111

Pi	Estación	Distancia Horizontal	Angulo Horizontal	Azimuth	Coordenadas Acumuladas	
					Latitud	Longitud
				86 31 29		
GPS-01=PI#1			180 0 0		9719918.6590	568052.7080
		200.835		86 31 29		
GPS-02=PI#2			163 7 29		9719930.8332	568253.1737
		62.056		69 38 58		
PI#3-SA-SM			206 45 21		9719952.4140	568311.3563
		333.354		96 24 19		
PI#4-SA-SM			234 16 47		9719915.2248	568642.6294
		382.981		150 41 6		
PI#5-SA-SM			241 27 26		9719581.2880	568830.1410
		27.04		212 8 32		
PI#6= GPS 03			96 47 28		9719558.3924	568815.7551
		191.131		128 56 0		
PI#7 = GPS 04			187 10 43		9719438.2827	568964.4316
		302.232		136 6 43		
PI#8-SA-SM			153 26 46		9719220.4654	569173.9545
		497.395		109 33 29		
PI#9-SA-SM			231 13 59		9719053.9565	569642.6511
		21.086		160 47 28		
PI#10 = GPS 05			121 25 3		9719034.0445	569649.5887
		101.918		102 12 31		
PI#11 = GPS 06			202 54 40		9719012.4917	569749.2017
		113.736		125 7 11		
PI#12-SA-SM			149 1 41		9718947.0609	569842.2323
		371.928		94 8 52		
PI#13-SA-SM			207 6 44		9718920.1596	570213.1862
		518.9		121 15 36		
PI#14-SA-SM			59 55 18		9718650.8908	570656.7529
		24.345		1 10 54		
PI#15 = GPS 07			317 15 30		9718675.2306	570657.2550
		62.724		138 26 24		
PI#16 = GPS 08			154 3 15		9718628.2966	570698.8663
		461.466		112 29 39		
PI#17-SA-SM			176 12 21		9718451.7446	571125.2233
		250.302		108 42 0		
PI#18-SA-SM			166 50 41		9718371.4946	571362.3119
		133.295		95 32 41		
PI#19 = GPS 09			158 51 48		9718358.6153	571494.9833
		43.95		74 24 29		
PI#20 = GPS 10			204 32 24		9718370.4283	571537.3159
		226.29		98 56 53		
PI#21-SA-SM					9718335.2314	571760.8519

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Pi	Estación	Distancia Horizontal	Angulo Horizontal	Azimuth	Coordenadas Acumuladas	
					Latitud	Longitud
				98 56 53		
PI#21-SA-SM			196 37 47		9718335.2314	571760.8519
		310.360		115 34 40		
PI#22-SA-SM			192 52 17		9718201.2379	572040.7967
		262.612		128 26 57		
PI#23-SA-SM			156 53 25		9718037.9404	572246.4639
		145.918		105 20 22		
PI#24 = GPS 11			176 18 25		9717999.3397	572387.1837
		70.165		101 38 47		
PI#25 = GPS 12			178 11 33		9717985.1755	572455.9041
		606.602		99 50 20		
PI#26-SA-SM			161 28 5		9717881.5203	573053.5843
		248.365		81 18 25		
PI#27 = GPS 13			200 41 31		9717919.0585	573299.0961
		131.672		101 59 56		
PI#28 = GPS 14			141 54 27		9717891.6848	573427.8913
		289.103		63 54 23		
PI#29-SA-SM			171 10 56		9718018.8436	573687.5280
		182.694		55 5 19		
PI#30-SA-SM			198 35 37		9718123.4010	573837.3440
		164.818		73 40 56		
PI#31-SA-SM			156 17 50		9718169.7090	573995.5228
		125.267		49 58 46		
PI#32-SA-SM			217 15 50		9718250.2635	574091.4540
		95.013		87 14 36		
PI#33 = GPS 15			157 39 22		9718254.8331	574186.3571
		79.500		64 53 58		
PI#34 = GPS 16			206 56 21		9718288.5577	574258.3495
		99.827		91 50 19		
PI#35-SA-SM			198 17 29		9718285.3548	574358.1251
		429.468		110 7 48		
PI#36 = GPS 18			355 20 19		9718137.5528	574761.3587
		129.834		285 28 7		
PI#37 = GPS 17					9718172.1809	574636.2277
					9718172.2160	574636.2970
				E=	0.0351	0.0693
	L.TOTAL	7698.182			E. TOTAL=	0.078
	ERROR	99056				
	ERROR	1:99056				