



Project

Project name: PUNTO DE CHEQUEO IGAC.ttp

Project folder: C:\Users\Wilches1\OneDrive - Wilches y Cia LTDA\Wilches y Cia LTDA\OFICINA\PROYECTOS WILCHES\2025\10. PARQUE DE LA FAMILIA-MOSQUERA\02. PRODUCCION\2. GNSS\4. PROCESADO

Creation time: 21/11/2025 12:15:42 p. m.

Created by:

Comment:

Linear unit: Meters

Angular unit: DMS

Projection: CUNDINAMARCA-MOSQUERA 2018.0

Datum: WGS84

Geoid: egm2008

Time Zone: SA Pacific Standard Time

GPS Observations							
Name	Start Time	Base Antenna Type	Base Antenna Height (m)	Base Ant Height Method	Rover Antenna Type	Rover Antenna Height (m)	Rover Ant Height Method
ABCC-BOGA	17/11/2025 19:00	LEIAT504GG LEIS	0.097	Vertical	TRM59800.00 NONE	1.511	Vertical
ABCC-GPS-C-T-51	18/11/2025 9:55	LEIAT504GG LEIS	0.097	Vertical	FJDTRIONV1T NONE(ANTEX absolute)	1.668	Vertical
BOGA-GPS-C-T-51	18/11/2025 9:55	TRM59800.00 NONE	1.511	Vertical	FJDTRIONV1T NONE(ANTEX absolute)	1.668	Vertical

Point Summary						
Name	X (m)	Y (m)	Z (m)	WGS84 Latitude	WGS84 Longitude	WGS84 Ell.Height (m)
ABCC	1739437.967	-6117252.376	515065.182	4.66123608	-74.12692227	2576.159
BOGA	1744517.11	-6116050.901	512581.214	4.63868371	-74.07994964	2609.671

GPS Observations											
Name	GPS Satellites	GLONASS Satellites	Elevation Mask	PDOP	RMS	Horz RMS (m)	Vert RMS (m)	Epochs	Distance (m)	Azimuth	Duration
ABCC-BOGA	32	23	10	1.771	0.006	0.003	0.005	2880	5780.251	115°34'08.9264"	24:00:00
ABCC-GPS-C-T-51	12	8	10	2.681	0.01	0.005	0.008	400	12078.636	293°45'37.1653"	3:20:10
BOGA-GPS-C-T-51	12	8	10	2.683	0.015	0.007	0.013	800	17856.899	294°20'58.4753"	3:20:10

Point Summary						
Name	X (m)	Y (m)	Z (m)	WGS84 Longitude	WGS84 Latitude	WGS84 Ell.Height (m)
GPS-C-T-51	1728690.531	-6119874.531	519913.917	-74.2265229	4.705220420	2565.683
GPS-C-T-51 - 2018.0	1728690.512	-6119874.545	519913.810	-74.2265231	4.705219447	2565.683

Loop Closures							
Loop	dHz (m)	dU (m)	dHz (ppm)	dU (ppm)	Length (m)	Horz Tolerance (m)	Vert Tolerance (m)
BOGA-GPS-C-T-51(18/11/2025 9:55:20 a. m.)							
ABCC-BOGA(17/11/2025 7:00:00 p. m.)							
ABCC-GPS-C-T-51(18/11/2025 9:55:20 a. m.)	0.0172	0.0235	0.48	0.66	35715.7857	0.2086	0.2386

Adjustment

Control Tie Analysis: success

Adjustment type: Plane + Height, Constraint

Confidence level: 95 %

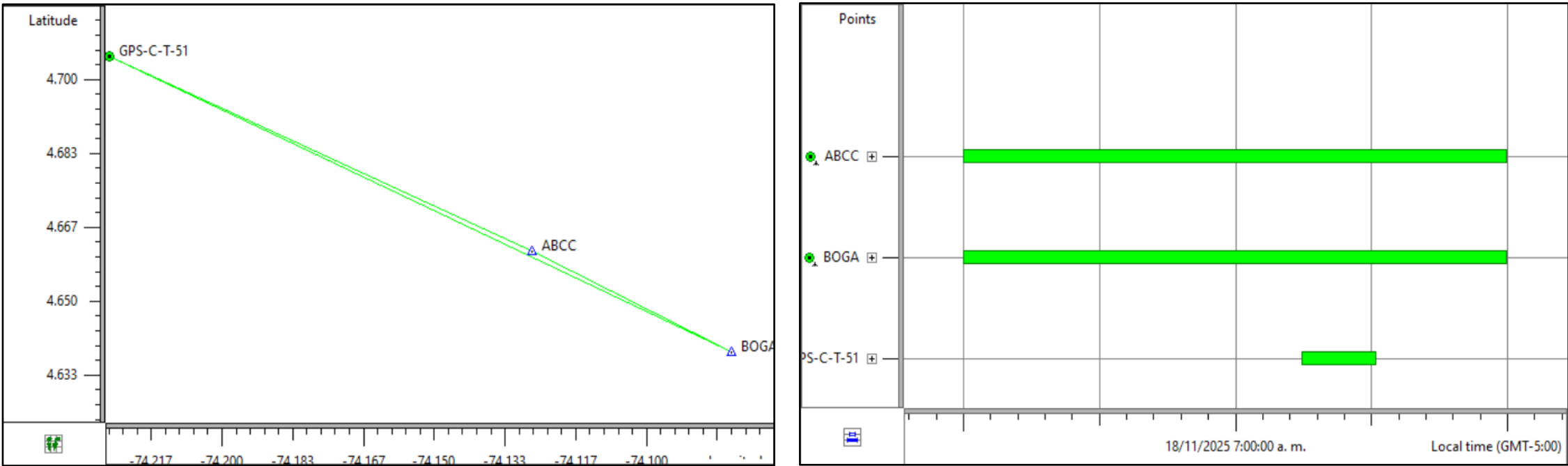
Number of adjusted points: 3

Number of plane control points: 2

Number of used GPS vectors: 3

A posteriori plane or 3D UWE: 2.226906 , Bounds: (0.4546061 , 1.551881)

Number of height control points: 2



Solution Type

Fixed

Fixed

Fixed