PROYINT

MEMORIAS DE CALCULO

Project

Project name: **LAUVITA_AHSC_PROCESO_GNSS_2025.ttp**
Project folder: **G:\\RLUVITA-AHSC-LOTE-2025\PROCESO GNSS\03_PROCESO**
Creation time: **28/12/2025 12:03:55 p.m.**
Created by: **FREDY AMADO**
Comment:
Linear unit: **Meters**
Angular unit: **DMS**
Projection: **MAGNA ORIGEN BOGOTA**
Datum: **WGS84**
Geoid:
Time Zone: **SA Pacific Standard Time**

Adjustment

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: **3,995298** , Bounds: (**0,3478505** , **1,668832**)
Number of height control points: **1**
A posteriori height UWE: **6,191432E-02** , Bounds: (**3,130495E-02** , **2,240536**)

Carrera 68D No 25-86 To A of 715
Bogotá-Colombia interproyint@gmail.com
Teléfono: (601) 7046932
Celular: 312- 449 1539

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GPS Observations

Name	dN (m)	dE (m)	dHt (m)	Horz RMS (m)	Vert RMS (m)	dX (m)	dY (m)	dZ (m)	PDOP	HDOP	VDOP	GPS Satellites	GLONASS Satellites
ABCC-BOGA	-2494,079	5211,794	33,655	0,002	0,004	5079,194	1201,340	-2483,968	2,155	1,007	1,906	31	0
ABCC-GPS1	82094,707	3668 7,784	302,175	0,028	0,051	3338 1,581	1677 8,562	81832,383	1,714	0,746	1,543	10	7
BOGA-GPS1	84588,741	3147 5,865	268,525	0,072	0,046	2830 2,269	1557 7,178	84316,306	2,359	1,006	2,134	10	0

GPS Occupations

Point Name	Origina lName	Antenna Type	Antenna Height (m)	Start Time	Stop Time	Duration	Method
GPS1	GPS1		2,043	25/15/2025 10:45:30 a.m.	25/12/2025 11:29:35 a.m.	00:44:05	Static

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[illegible]	ABCC	LEIAT504GG LEIS	0,09 7	24/12/2025 07:00:00 p.m.	25/12/2025 07:00:00	24:00 : 00	Static

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BOGA	BOGA		1,51 1	24/12/2025 07:00:00 p.m.	25/12/2025 07:00:00 p.m.	24:00 : 00	Static

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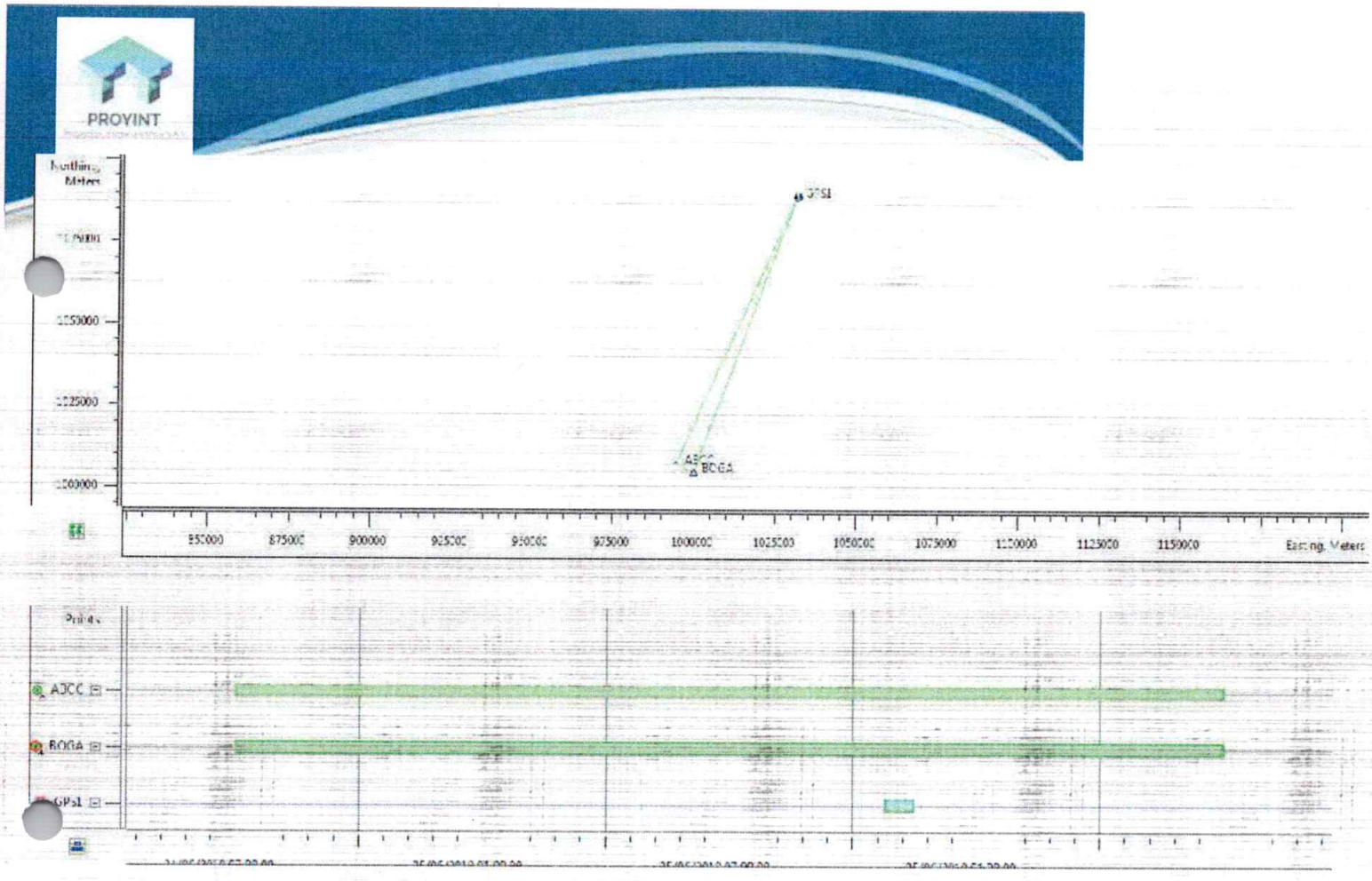
Point Summary

Name	Grid Northing(m)	Grid Easting (m)	Elevation (m)	Code	Ell.Height (m)	WGS84 Latitude	WGS84 Longitude	WGS84 Ell.Height(m)	X (m)	Y (m)	Z (m)
ABCC	1007191,826	994517,297	2576,145		2576,145	4°39'40,44637"N	74°07'36,91996"W	2576,145	1739437,971	-6117252,369	515065,074
BOGA	1004697,736	999729,085	2609,799		2609,799	4°38'19,25714"N	74°04'47,81831"W	2609,799	1744517,160	-6116051,03	512581,095

Point Summary

Name	Grid Northing (m)	Grid Easting (m)	Elevation (m) Geocol
ABCC	1007191,826	994517,297	2576,145
BOGA	1004697,736	999729,085	2609,799
GPS1	1089286.518	1031205.077	2852.612

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