

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	45 North
Modified:		Datum:	WGS 1984
Time zone:		Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	EGM96 (Global)
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

Baseline Processing Report

Processing Summary

Observation	From	To	Solution Type	H. Prec. (Meter)	V. Prec. (Meter)	Geodetic Az.	Ellipsoid Dist. (Meter)	ΔHeight (Meter)
MAP-2 (B1)	BAP-2	MAP-2	Fixed	0.0066	0.0116	302°44'47.4"	976.8082	-23.7181
MAP-8 (B2)	BAP-2	MAP-8	Fixed	0.0063	0.0102	335°29'54.6"	1173.1398	-66.0598
MAP-7 (B3)	BAP-2	MAP-7	Fixed	0.0056	0.0093	325°50'46.0"	1061.5321	-60.3839
MAP-3 (B4)	BAP-2	MAP-3	Fixed	0.0071	0.0103	314°30'06.5"	1014.1605	-43.6124
MAP-1 (B5)	BAP-2	MAP-1	Fixed	0.0067	0.0083	301°45'25.9"	714.8979	-10.7680
MAP-4 (B6)	BAP-2	MAP-4	Fixed	0.0060	0.0085	309°31'23.8"	514.0411	-6.6649
MAP-5 (B7)	BAP-2	MAP-5	Fixed	0.0058	0.0087	329°04'55.6"	403.9493	-2.2868
MAP-6 (B8)	BAP-2	MAP-6	Fixed	0.0097	0.0129	357°07'19.3"	586.0880	-12.7422
MAP-9 (B9)	BAP-2	MAP-9	Fixed	0.0129	0.0194	348°19'53.2"	1121.8941	-73.5153
MAP-10 (B10)	BAP-2	MAP-10	Fixed	0.0138	0.0169	345°00'21.9"	1291.2457	-67.5002

Acceptance Summary

Processed	Passed	Flag		Fail	
10	10	0		0	

BAP-2 (09:01:37-12:11:59) (S1)

Baseline observation:	MAP-2 (B1)
Processed:	03-09-2025 22:02:55
Solution type:	Fixed
Frequency used:	Dual Frequency
Horizontal precision:	0.0066 m
Vertical precision:	0.0116 m
RMS:	0.0070 m
Maximum PDOP:	2.340
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	07-05-2025 09:02:53 (Local: UTC+5hr)
Processing stop time:	07-05-2025 09:17:58 (Local: UTC+5hr)
Processing duration:	00:15:05
Processing interval:	1 second

Vector Components (Mark to Mark)

From:	BAP-2				
Grid		Local		Global	
Easting	254003.315 m	Latitude	N23°33'17.44399"	Latitude	N23°33'17.44399"
Northing	2607011.405 m	Longitude	E84°35'24.44099"	Longitude	E84°35'24.44099"
Elevation	1062.851 m	Height	1006.849 m	Height	1006.849 m

To:	MAP-2				
Grid		Local		Global	
Easting	253190.467 m	Latitude	N23°33'34.61823"	Latitude	N23°33'34.61823"
Northing	2607553.715 m	Longitude	E84°34'55.47153"	Longitude	E84°34'55.47153"
Elevation	1039.149 m	Height	983.131 m	Height	983.131 m

Vector					
ΔEasting	-812.8481 m	NS Fwd Azimuth	302°44'47.4"	ΔX	796.0655 m
ΔNorthing	542.3102 m	Ellipsoid Dist.	976.8082 m	ΔY	-309.4286 m
ΔElevation	-23.702 m	ΔHeight	-23.7181 m	ΔZ	474.9194 m

Standard Errors

Vector errors:					
σ ΔEasting	0.0044 m	σ NS fwd Azimuth	0°00'00.8"	σ ΔX	0.0044 m
σ ΔNorthing	0.0039 m	σ Ellipsoid Dist.	0.0046 m	σ ΔY	0.0103 m
σ ΔElevation	0.0116 m	σ ΔHeight	0.0116 m	σ ΔZ	0.0067 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000189756		
Y	0.0000036671	0.0001064150	
Z	0.0000072397	0.0000528271	0.0000444877

Occupations

	From	To
Point ID:	BAP-2	MAP-2
Data file:	C:\Users\MECL\Documents\Trimble Business Center\Unnamed (2)\66571270.T02	C:\Users\MECL\Documents\Trimble Business Center\Unnamed (2)\19861270.t02
Receiver type:	R8s	R8s
Receiver serial number:	5627R06657	5627R06537
Antenna type:	R8s Internal	R8s Internal
Antenna serial number:	-----	-----
Antenna height (measured):	1.6380 m	2.0000 m
Antenna method:	Center of bumper	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	45 North
Modified:		Datum:	WGS 1984
Time zone:		Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	EGM96 (Global)
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

Baseline Processing Report

Processing Summary

Observation	From	To	Solution Type	H. Prec. (Meter)	V. Prec. (Meter)	Geodetic Az.	Ellipsoid Dist. (Meter)	ΔHeight (Meter)
MAP-12 (B1)	BAP-1	MAP-12	Fixed	0.0057	0.0075	120°20'15.3"	422.7046	1.5517
MAP-15 (B2)	BAP-1	MAP-15	Fixed	0.0010	0.0016	79°24'24.7"	509.9649	3.0521
MAP-16 (B3)	BAP-1	MAP-16	Fixed	0.0014	0.0026	94°51'31.5"	642.3814	1.2140
MAP-17 (B4)	BAP-1	MAP-17	Fixed	0.0017	0.0039	76°48'49.3"	745.6972	-4.4374
MAP-11 (B5)	BAP-1	MAP-11	Fixed	0.0015	0.0029	7°52'33.1"	586.7036	-45.0338
MAP-13 (B6)	BAP-1	MAP-13	Fixed	0.0013	0.0020	94°28'03.9"	260.9056	3.0429
MAP-18 (B7)	BAP-1	MAP-18	Fixed	0.0010	0.0016	125°21'29.2"	583.1325	5.0225
MAP-14 (B8)	BAP-1	MAP-14	Fixed	0.0021	0.0035	103°18'11.6"	842.6278	-4.4436

Acceptance Summary

Processed	Passed	Flag	Fail
8	8	0	0

BAP-1 (12:02:35-13:12:15) (S1)

Baseline observation:	MAP-12 (B1)
Processed:	08-09-2025 23:48:30
Solution type:	Fixed
Frequency used:	Dual Frequency
Horizontal precision:	0.0057 m
Vertical precision:	0.0075 m
RMS:	0.0086 m
Maximum PDOP:	1.469
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	15-05-2025 12:32:35 (Local: UTC+5hr)
Processing stop time:	15-05-2025 12:45:39 (Local: UTC+5hr)
Processing duration:	00:13:04
Processing interval:	1 second

Vector Components (Mark to Mark)

From:	BAP-1				
Grid		Local		Global	
Easting	253656.871 m	Latitude	N23°33'24.75335"	Latitude	N23°33'24.75335"
Northing	2607242.215 m	Longitude	E84°35'12.09437"	Longitude	E84°35'12.09437"
Elevation	1061.314 m	Height	1005.305 m	Height	1005.305 m

To:	MAP-12				
Grid		Local		Global	
Easting	254018.171 m	Latitude	N23°33'17.81319"	Latitude	N23°33'17.81319"
Northing	2607022.519 m	Longitude	E84°35'24.95798"	Longitude	E84°35'24.95798"
Elevation	1062.859 m	Height	1006.857 m	Height	1006.857 m

Vector					
ΔEasting	361.2999 m	NS Fwd Azimuth	120°20'15.3"	ΔX	-355.0674 m
ΔNorthing	-219.6956 m	Ellipsoid Dist.	422.7046 m	ΔY	120.7881 m
ΔElevation	1.545 m	ΔHeight	1.5517 m	ΔZ	-195.1292 m

Standard Errors

Vector errors:					
σ ΔEasting	0.0039 m	σ NS fwd Azimuth	0°00'01.6"	σ ΔX	0.0038 m
σ ΔNorthing	0.0035 m	σ Ellipsoid Dist.	0.0041 m	σ ΔY	0.0069 m
σ ΔElevation	0.0075 m	σ ΔHeight	0.0075 m	σ ΔZ	0.0046 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000146022		
Y	0.0000001380	0.0000470736	
Z	0.0000031892	0.0000173665	0.0000213995

Occupations

	From	To
Point ID:	BAP-1	MAP-12
Data file:	C:\Users\MECL\Documents\Trimble Business Center\Unnamed (2)\66571350.T02	C:\Users\MECL\Documents\Trimble Business Center\Unnamed (2)\19861351.t02
Receiver type:	R8s	R8s
Receiver serial number:	5627R06657	5627R06537
Antenna type:	R8s Internal	R8s Internal
Antenna serial number:	-----	-----
Antenna height (measured):	1.3940 m	2.0000 m
Antenna method:	Center of bumper	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	45 North
Modified:		Datum:	WGS 1984
Time zone:		Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	EGM96 (Global)
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

Baseline Processing Report



Processing Summary

Observation	From	To	Solution Type	H. Prec. (Meter)	V. Prec. (Meter)	Geodetic Az.	Ellipsoid Dist. (Meter)	ΔHeight (Meter)
Boundary A-6 (B17)	BAP-1	Boundary A-6	Fixed	0.0091	0.0152	344°55'39. 6"	926.2605	-67.6351
Boundary A-5 (B18)	BAP-1	Boundary A-5	Fixed	0.0086	0.0229	340°26'58. 5"	830.7852	-62.9356
Boundary A-4 (B19)	BAP-1	Boundary A-4	Fixed	0.0081	0.0158	336°08'05. 0"	790.8027	-61.1384
Boundary A-3 (B20)	BAP-1	Boundary A-3	Fixed	0.0069	0.0095	328°04'32. 9"	724.4209	-55.3935
Boundary A2 (B21)	BAP-1	Boundary A2	Fixed	0.0049	0.0085	313°53'56. 7"	585.0520	-29.9971
Boundary A10 (B22)	BAP-1	Boundary A10	Fixed	0.0047	0.0083	342°53'59. 7"	639.7609	-67.9454
Boundary A11 (B23)	BAP-1	Boundary A11	Fixed	0.0058	0.0099	333°53'20. 5"	578.4304	-64.4079
Boundary A51 (B24)	BAP-1	Boundary A51	Fixed	0.0048	0.0074	146°46'13. 2"	782.8092	-0.7961
Boundary A50 (B25)	BAP-1	Boundary A50	Fixed	0.0048	0.0084	126°12'33. 8"	845.6786	-1.6077
Boundary A44 (B26)	BAP-1	Boundary A44	Fixed	0.0051	0.0089	90°30'47.8"	738.9136	-8.5747
Boundary A45 (B27)	BAP-1	Boundary A45	Fixed	0.0061	0.0122	96°07'53.9"	777.5199	-9.7678
Boundary A46 (B28)	BAP-1	Boundary A46	Fixed	0.0059	0.0121	100°48'26. 4"	873.2004	-8.0633
Boundary A7 (B29)	BAP-1	Boundary A7	Fixed	0.0086	0.0115	352°34'17. 7"	925.4530	-72.8891
Boundary A8 (B30)	BAP-1	Boundary A8	Fixed	0.0072	0.0125	0°07'29.0"	844.6555	-77.5545
Boundary A9 (B31)	BAP-1	Boundary A9	Fixed	0.0092	0.0139	351°29'04. 7"	753.3434	-70.7943

Boundary A12 (B32)	BAP-1	Boundary A12	Fixed	0.0059	0.0111	325°00'35.8"	485.8154	-58.3411
Boundary A13 (B33)	BAP-1	Boundary A13	Fixed	0.0050	0.0073	312°55'56.8"	518.6001	-28.1580
Boundary A14 (B34)	BAP-1	Boundary A14	Fixed	0.0051	0.0089	307°38'17.8"	483.7996	-22.4517
Boundary A15 (B35)	BAP-1	Boundary A15	Fixed	0.0053	0.0102	312°45'18.1"	355.2600	-18.2393
Boundary A16 (B36)	BAP-1	Boundary A16	Fixed	0.0057	0.0110	325°51'28.0"	293.2604	-18.8113
Boundary A17 (B37)	BAP-1	Boundary A17	Fixed	0.0092	0.0138	332°41'33.1"	333.3012	-27.3141
Boundary A18 (B38)	BAP-1	Boundary A18	Fixed	0.0063	0.0085	339°04'57.7"	299.0278	-21.6007
Boundary A49 (B39)	BAP-1	Boundary A49	Fixed	0.0047	0.0084	113°04'06.9"	957.8639	0.2867
Boundary A48 (B40)	BAP-1	Boundary A48	Fixed	0.0053	0.0087	103°03'55.1"	1101.6176	-13.3701
Boundary A47 (B41)	BAP-1	Boundary A47	Fixed	0.0055	0.0096	99°28'58.3"	998.3501	-9.5223
Boundary A43 (B42)	BAP-1	Boundary A43	Fixed	0.0113	0.0196	80°59'03.5"	783.5798	-16.3538
Boundary A20 (B43)	BAP-1	Boundary A20	Fixed	0.0053	0.0081	349°30'25.4"	356.0804	-26.7675
Boundary A21 (B44)	BAP-1	Boundary A21	Fixed	0.0083	0.0098	3°26'33.9"	300.5677	-22.9431
Boundary A22 (B45)	BAP-1	Boundary A22	Fixed	0.0066	0.0117	10°47'41.9"	344.0000	-23.6110
Boundary A40 (B46)	BAP-1	Boundary A40	Fixed	0.0060	0.0114	65°59'25.1"	586.7905	-3.7738
Boundary A41 (B47)	BAP-1	Boundary A41	Fixed	0.0069	0.0108	69°00'08.4"	749.1908	-10.4046
Boundary A42 (B48)	BAP-1	Boundary A42	Fixed	0.0080	0.0108	76°12'15.1"	795.7069	-15.7516
Boundary A57 (B49)	BAP-1	Boundary A57	Fixed	0.0067	0.0111	120°33'03.2"	254.6819	-0.4702
Boundary 24 (B50)	BAP-1	Boundary 24	Fixed	0.0013	0.0021	7°17'16.5"	578.5535	-44.7796
Boundary 25 (B51)	BAP-1	Boundary 25	Fixed	0.0016	0.0032	6°29'53.3"	677.3439	-57.2821
Boundary 26 (B52)	BAP-1	Boundary 26	Fixed	0.0015	0.0029	8°00'09.1"	802.3138	-71.6994
Boundary 27 (B53)	BAP-1	Boundary 27	Fixed	0.0012	0.0017	3°49'23.6"	914.8297	-69.3926
Boundary 28 (B54)	BAP-1	Boundary 28	Fixed	0.0021	0.0045	355°53'59.8"	999.1134	-81.5763
Boundary 29 (B55)	BAP-1	Boundary 29	Fixed	0.0021	0.0038	348°00'59.5"	1080.5775	-107.0447
Boundary 60 (B56)	BAP-1	Boundary 60	Fixed	0.0006	0.0010	125°23'07.9"	113.1971	-0.4409
Boundary 58 (B57)	BAP-1	Boundary 58	Fixed	0.0007	0.0013	123°15'08.8"	215.2596	-0.4271
Boundary 32 (B58)	BAP-1	Boundary 32	Fixed	0.0018	0.0025	347°58'18.6"	1229.3239	-71.6026
Boundary 31 (B59)	BAP-1	Boundary 31	Fixed	0.0011	0.0022	343°06'07.9"	1211.9533	-98.0282

Boundary 30 (B60)	BAP-1	Boundary 30	Fixed	0.0012	0.0020	342°39'09.1"	1119.0311	-115.6320
Boundary 1 (B61)	BAP-1	Boundary 1	Fixed	0.0009	0.0015	298°23'33.4"	635.9515	-18.8998
Boundary 35 (B62)	BAP-1	Boundary 35	Fixed	0.0013	0.0021	8°25'30.8"	1127.4641	-126.3608
Boundary 34 (B63)	BAP-1	Boundary 34	Fixed	0.0014	0.0027	2°35'23.9"	1162.5949	-101.9600
Boundary 33 (B64)	BAP-1	Boundary 33	Fixed	0.0036	0.0081	354°42'41.4"	1204.7229	-113.8759
Boundary 65 (B65)	BAP-1	Boundary 65	Fixed	0.0006	0.0011	295°06'49.4"	490.7239	-12.3597
Boundary 23 (B66)	BAP-1	Boundary 23	Fixed	0.0022	0.0037	12°45'40.3"	488.2818	-43.0737
Boundary 38\39 (B67)	BAP-1	Boundary 38\39	Fixed	0.0013	0.0019	27°14'32.1"	632.7549	-78.1735
Boundary 37 (B68)	BAP-1	Boundary 37	Fixed	0.0015	0.0023	15°23'07.2"	775.7651	-105.3845
Boundary -36 (B69)	BAP-1	Boundary -36	Fixed	0.0020	0.0035	18°28'16.8"	887.5722	-116.4209
Boundary 61 (B70)	BAP-1	Boundary 61	Fixed	0.0007	0.0014	256°50'38.9"	110.2798	-7.5510
Boundary 62 (B71)	BAP-1	Boundary 62	Fixed	0.0009	0.0016	280°57'12.9"	193.8329	-11.7256
Boundary 63 (B72)	BAP-1	Boundary 63	Fixed	0.0007	0.0011	280°35'25.6"	268.1152	-8.6448
Boundary 64 (B73)	BAP-1	Boundary 64	Fixed	0.0010	0.0017	289°33'00.5"	373.2557	-20.4578
Boundary 52 (B74)	BAP-1	Boundary 52	Fixed	0.0037	0.0052	142°32'00.5"	660.7098	-14.4477
Boundary 53 (B75)	BAP-1	Boundary 53	Fixed	0.0080	0.0123	142°59'25.3"	597.8588	-16.9350
Boundary 54 (B76)	BAP-1	Boundary 54	Fixed	0.0006	0.0009	146°51'26.3"	493.8928	-5.7456
Boundary 55 (B77)	BAP-1	Boundary 55	Fixed	0.0005	0.0010	147°56'42.6"	386.4452	-1.6107
Boundary 56 (B78)	BAP-1	Boundary 56	Fixed	0.0008	0.0013	128°53'51.8"	323.1529	-4.7100
Boundary 59 (B79)	BAP-1	Boundary 59	Fixed	0.0021	0.0019	127°34'15.8"	169.8653	-9.7114
BAP-1 --- Boundary 19 (B80)	BAP-1	Boundary 19	Fixed	0.0044	0.0164	339°50'39.1"	492.0620	-48.0362

Acceptance Summary

Processed	Passed	Flag		Fail	
64	64	0		0	

BAP-1 (09:06:05-13:01:19) (S5)

Baseline observation:	Boundary A-6 (B17)
Processed:	04-09-2025 13:03:46
Solution type:	Fixed
Frequency used:	Dual Frequency
Horizontal precision:	0.0091 m
Vertical precision:	0.0152 m
RMS:	0.0136 m
Maximum PDOP:	1.595
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	09-05-2025 10:33:41 (Local: UTC+5hr)
Processing stop time:	09-05-2025 11:03:44 (Local: UTC+5hr)
Processing duration:	00:30:03
Processing interval:	1 second

Vector Components (Mark to Mark)

From:	BAP-1				
Grid		Local		Global	
Easting	253656.871 m	Latitude	N23°33'24.75335"	Latitude	N23°33'24.75335"
Northing	2607242.215 m	Longitude	E84°35'12.09437"	Longitude	E84°35'12.09437"
Elevation	1061.314 m	Height	1005.305 m	Height	1005.305 m

To:	Boundary A-6				
Grid		Local		Global	
Easting	253431.028 m	Latitude	N23°33'53.82568"	Latitude	N23°33'53.82568"
Northing	2608140.855 m	Longitude	E84°35'03.60088"	Longitude	E84°35'03.60088"
Elevation	993.698 m	Height	937.670 m	Height	937.670 m

Vector					
ΔEasting	-225.8429 m	NS Fwd Azimuth	344°55'39.6"	ΔX	200.2426 m
ΔNorthing	898.6406 m	Ellipsoid Dist.	926.2605 m	ΔY	-440.4219 m
ΔElevation	-67.616 m	ΔHeight	-67.6351 m	ΔZ	792.9232 m

Standard Errors

Vector errors:					
σ ΔEasting	0.0060 m	σ NS fwd Azimuth	0°00'01.3"	σ ΔX	0.0058 m
σ ΔNorthing	0.0063 m	σ Ellipsoid Dist.	0.0064 m	σ ΔY	0.0145 m
σ ΔElevation	0.0152 m	σ ΔHeight	0.0152 m	σ ΔZ	0.0078 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000337835		
Y	-0.0000026201	0.0002098496	
Z	0.0000015295	0.0000623867	0.0000612862

Occupations

	From	To
Point ID:	BAP-1	Boundary A-6
Data file:	C:\Users\MECL\Documents\Trimble Business Center\Unnamed (2)\66571290.T02	C:\Users\MECL\Documents\Trimble Business Center\Unnamed (2)\19861290.t02
Receiver type:	R8s	R8s
Receiver serial number:	5627R06657	5627R06537
Antenna type:	R8s Internal	R8s Internal
Antenna serial number:	-----	-----
Antenna height (measured):	1.3460 m	2.0000 m
Antenna method:	Center of bumper	Bottom of antenna mount