

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 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)
SURVEY OF INDIA (NIDA) --- BOUNDARY-23 (B1)	SURVEY OF INDIA (NIDA)	BOUNDARY- 23	Fixed	0.0206	0.0475	93°37'37.8"	60490.099 3	-51.1715
SURVEY OF INDIA (NIDA) --- BOUNDARY-19 (B3)	SURVEY OF INDIA (NIDA)	BOUNDARY- 19	Fixed	0.0241	0.0477	93°22'23.3"	60471.611 6	-49.4478
SURVEY OF INDIA (NIDA) --- BOUNDARY-18 (B4)	SURVEY OF INDIA (NIDA)	BOUNDARY- 18	Fixed	0.0207	0.0481	93°01'42.7"	60479.208 1	-49.6066
SURVEY OF INDIA (NIDA) --- BOUNDARY-17 (B5)	SURVEY OF INDIA (NIDA)	BOUNDARY- 17	Fixed	0.0128	0.0404	92°49'25.0"	60403.191 4	-48.9421
SURVEY OF INDIA (NIDA) --- BOUNDARY-16 (B6)	SURVEY OF INDIA (NIDA)	BOUNDARY- 16	Fixed	0.0160	0.0493	92°47'09.5"	60377.276 8	-48.1472

Acceptance Summary

Processed	Passed	Flag		Fail	
5	5	0		0	

SURVEY OF INDIA (NIDA) - BOUNDARY-23 (06:44:38-07:29:41) (S1)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-23 (B1)
Processed:	13-03-2026 08:40:52
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0206 m
Vertical precision:	0.0475 m
RMS:	0.0387 m
Maximum PDOP:	1.490
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	11-03-2026 06:44:40 (GPS Time)
Processing stop time:	11-03-2026 07:29:40 (GPS Time)
Processing duration:	00:45:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (NIDA)			
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:		BOUNDARY-23			
Grid		Local		Global	
Easting	386433.472 m	Latitude	N16°47'12.21601"	Latitude	N16°47'12.21601"
Northing	1856266.970 m	Longitude	E79°56'03.58277"	Longitude	E79°56'03.58277"
Elevation	90.451 m	Height	9.208 m	Height	9.208 m

Vector					
ΔEasting	60326.8632 m	NS Fwd Azimuth	93°37'37.8"	ΔX	-59187.0996 m
ΔNorthing	-4323.3465 m	Ellipsoid Dist.	60490.0993 m	ΔY	11908.4256 m
ΔElevation	-51.193 m	ΔHeight	-51.1715 m	ΔZ	-3760.8331 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0146 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0204 m
$\sigma \Delta$ Northing	0.0104 m	σ Ellipsoid Dist.	0.0145 m	$\sigma \Delta$ Y	0.0437 m
$\sigma \Delta$ Elevation	0.0475 m	$\sigma \Delta$ Height	0.0475 m	$\sigma \Delta$ Z	0.0159 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0004170698		
Y	0.0007060904	0.0019110114	
Z	0.0002071101	0.0005130021	0.0002532229

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-23
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\NIDA070A.26o	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\S42F0700.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

SURVEY OF INDIA (NIDA) - BOUNDARY-19 (04:48:50-05:33:55) (S3)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-19 (B3)
Processed:	13-03-2026 08:40:51
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0241 m
Vertical precision:	0.0477 m
RMS:	0.0241 m
Maximum PDOP:	1.651
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	11-03-2026 04:48:50 (GPS Time)
Processing stop time:	11-03-2026 05:33:50 (GPS Time)
Processing duration:	00:45:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-19				
Grid		Local		Global	
Easting	386433.603 m	Latitude	N16°47'20.96006"	Latitude	N16°47'20.96006"
Northing	1856535.708 m	Longitude	E79°56'03.53843"	Longitude	E79°56'03.53843"
Elevation	92.163 m	Height	10.932 m	Height	10.932 m

Vector					
Δ Easting	60326.9942 m	NS Fwd Azimuth	93°22'23.3"	ΔX	-59199.0875 m
Δ Northing	-4054.6087 m	Ellipsoid Dist.	60471.6116 m	ΔY	11833.3785 m
Δ Elevation	-49.481 m	Δ Height	-49.4478 m	ΔZ	-3502.9917 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0170 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta X$	0.0184 m
$\sigma \Delta$ Northing	0.0043 m	σ Ellipsoid Dist.	0.0171 m	$\sigma \Delta Y$	0.0448 m
$\sigma \Delta$ Elevation	0.0477 m	$\sigma \Delta$ Height	0.0477 m	$\sigma \Delta Z$	0.0153 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003387121		
Y	0.0002900733	0.0020095806	
Z	0.0001307731	0.0006503876	0.0002329865

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-19
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\NIDA070A.26o	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\S42F0700.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

SURVEY OF INDIA (NIDA) - BOUNDARY-18 (03:51:48-04:36:50) (S4)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-18 (B4)
Processed:	13-03-2026 08:40:51
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0207 m
Vertical precision:	0.0481 m
RMS:	0.0269 m
Maximum PDOP:	1.641
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	11-03-2026 03:51:50 (GPS Time)
Processing stop time:	11-03-2026 04:36:50 (GPS Time)
Processing duration:	00:45:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (NIDA)			
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:		BOUNDARY-18			
Grid		Local		Global	
Easting	386464.474 m	Latitude	N16°47'32.75736"	Latitude	N16°47'32.75736"
Northing	1856898.119 m	Longitude	E79°56'04.51541"	Longitude	E79°56'04.51541"
Elevation	91.988 m	Height	10.773 m	Height	10.773 m

Vector					
ΔEasting	60357.8654 m	NS Fwd Azimuth	93°01'42.7"	ΔX	-59245.9095 m
ΔNorthing	-3692.1976 m	Ellipsoid Dist.	60479.2081 m	ΔY	11735.1332 m
ΔElevation	-49.656 m	ΔHeight	-49.6066 m	ΔZ	-3155.8396 m

Standard Errors

Vector errors:					
σ ΔEasting	0.0146 m	σ NS fwd Azimuth	0°00'00.0"	σ ΔX	0.0162 m
σ ΔNorthing	0.0073 m	σ Ellipsoid Dist.	0.0145 m	σ ΔY	0.0450 m
σ ΔElevation	0.0481 m	σ ΔHeight	0.0481 m	σ ΔZ	0.0172 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002627269		
Y	0.0003028740	0.0020236424	
Z	0.0001007062	0.0006989868	0.0002949201

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-18
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\NIDA070A.26o	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\S42F0700.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

SURVEY OF INDIA (NIDA) - BOUNDARY-17 (02:59:45-03:44:48) (S5)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-17 (B5)
Processed:	13-03-2026 08:40:51
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0128 m
Vertical precision:	0.0404 m
RMS:	0.0267 m
Maximum PDOP:	1.450
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	11-03-2026 02:59:50 (GPS Time)
Processing stop time:	11-03-2026 03:44:40 (GPS Time)
Processing duration:	00:44:50
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (NIDA)			
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:		BOUNDARY-17			
Grid		Local		Global	
Easting	386401.417 m	Latitude	N16°47'39.91197"	Latitude	N16°47'39.91197"
Northing	1857118.347 m	Longitude	E79°56'02.34549"	Longitude	E79°56'02.34549"
Elevation	92.644 m	Height	11.438 m	Height	11.438 m

Vector					
Δ Easting	60294.8086 m	NS Fwd Azimuth	92°49'25.0"	ΔX	-59193.6385 m
Δ Northing	-3471.9697 m	Ellipsoid Dist.	60403.1914 m	ΔY	11661.9621 m
Δ Elevation	-49.000 m	Δ Height	-48.9421 m	ΔZ	-2945.0883 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0090 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta X$	0.0110 m
$\sigma \Delta$ Northing	0.0057 m	σ Ellipsoid Dist.	0.0090 m	$\sigma \Delta Y$	0.0380 m
$\sigma \Delta$ Elevation	0.0404 m	$\sigma \Delta$ Height	0.0404 m	$\sigma \Delta Z$	0.0134 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001214705		
Y	0.0002364608	0.0014447664	
Z	0.0000859225	0.0004570957	0.0001807218

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-17
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\NIDA070A.26o	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\S42F0700.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

SURVEY OF INDIA (NIDA) - BOUNDARY-16 (02:07:09-02:53:46) (S6)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-16 (B6)
Processed:	13-03-2026 08:40:54
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0160 m
Vertical precision:	0.0493 m
RMS:	0.0247 m
Maximum PDOP:	1.648
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	11-03-2026 02:07:10 (GPS Time)
Processing stop time:	11-03-2026 02:53:40 (GPS Time)
Processing duration:	00:46:30
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (NIDA)			
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:		BOUNDARY-16			
Grid		Local		Global	
Easting	386377.817 m	Latitude	N16°47'41.24402"	Latitude	N16°47'41.24402"
Northing	1857159.413 m	Longitude	E79°56'01.54087"	Longitude	E79°56'01.54087"
Elevation	93.438 m	Height	12.233 m	Height	12.233 m

Vector					
ΔEasting	60271.2088 m	NS Fwd Azimuth	92°47'09.5"	ΔX	-59172.1142 m
ΔNorthing	-3430.9038 m	Ellipsoid Dist.	60377.2768 m	ΔY	11646.8974 m
ΔElevation	-48.206 m	ΔHeight	-48.1472 m	ΔZ	-2905.6570 m

Standard Errors

Vector errors:					
σ ΔEasting	0.0113 m	σ NS fwd Azimuth	0°00'00.0"	σ ΔX	0.0176 m
σ ΔNorthing	0.0040 m	σ Ellipsoid Dist.	0.0113 m	σ ΔY	0.0455 m
σ ΔElevation	0.0493 m	σ ΔHeight	0.0493 m	σ ΔZ	0.0139 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003105531		
Y	0.0006684499	0.0020738433	
Z	0.0002040100	0.0006055004	0.0001941170

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-16
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\NIDA070A.26o	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\S42F0700.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 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)
SURVEY OF INDIA (VRS) --- BOUNDARY-21 (B1)	SURVEY OF INDIA (VRS)	BOUNDARY- 21	Fixed	0.0111	0.0457	127°08'36. 4"	1.9317	-83.1136

Acceptance Summary

Processed	Passed	Flag		Fail	
1	1	0		0	

SURVEY OF INDIA (VRS) - BOUNDARY-21 (05:48:46-06:33:50) (S1)

Baseline observation:	SURVEY OF INDIA (VRS) --- BOUNDARY-21 (B1)
Processed:	13-03-2026 09:06:56
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0111 m
Vertical precision:	0.0457 m
RMS:	0.0447 m
Maximum PDOP:	2.568
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	11-03-2026 05:48:50 (GPS Time)
Processing stop time:	11-03-2026 06:33:50 (GPS Time)
Processing duration:	00:45:00
Processing interval:	10 seconds
Processing mode:	Uncombined Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (VRS)			
Grid		Local		Global	
Easting	386448.521 m	Latitude	N16°47'14.38400"	Latitude	N16°47'14.38400"
Northing	1856333.520 m	Longitude	E79°56'04.07900"	Longitude	E79°56'04.07900"
Elevation	174.635 m	Height	93.395 m	Height	93.395 m

To:		BOUNDARY-21			
Grid		Local		Global	
Easting	386450.054 m	Latitude	N16°47'14.34606"	Latitude	N16°47'14.34606"
Northing	1856332.346 m	Longitude	E79°56'04.13100"	Longitude	E79°56'04.13100"
Elevation	91.521 m	Height	10.281 m	Height	10.281 m

Vector					
ΔEasting	1.5331 m	NS Fwd Azimuth	127°08'36.4"	ΔX	-15.3643 m
ΔNorthing	-1.1743 m	Ellipsoid Dist.	1.9317 m	ΔY	-77.7460 m
ΔElevation	-83.114 m	ΔHeight	-83.1136 m	ΔZ	-25.1215 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0074 m	σ NS fwd Azimuth	0°08'44.2"	$\sigma \Delta$ X	0.0098 m
$\sigma \Delta$ Northing	0.0054 m	σ Ellipsoid Dist.	0.0077 m	$\sigma \Delta$ Y	0.0433 m
$\sigma \Delta$ Elevation	0.0457 m	$\sigma \Delta$ Height	0.0457 m	$\sigma \Delta$ Z	0.0144 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000951353		
Y	0.0002752385	0.0018739308	
Z	0.0001022215	0.0005692512	0.0002062660

Occupations

	From	To
Point ID:	SURVEY OF INDIA (VRS)	BOUNDARY-21
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\V250070A.26o	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\S42F0700.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6148R40057	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 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)
SURVEY OF INDIA (NIDA) --- BB-27 (B1)	SURVEY OF INDIA (NIDA)	BB-27	Fixed	0.0211	0.0484	95°20'33.7"	58938.781 0	-69.5177
SURVEY OF INDIA (NIDA) --- BB-26 (B2)	SURVEY OF INDIA (NIDA)	BB-26	Fixed	0.0194	0.0432	95°23'51.9"	59135.510 4	-68.3397
SURVEY OF INDIA (NIDA) --- BB-25 (B3)	SURVEY OF INDIA (NIDA)	BB-25	Fixed	0.0173	0.0428	95°18'08.2"	59141.010 1	-67.8696
SURVEY OF INDIA (NIDA) --- BB-24 (B4)	SURVEY OF INDIA (NIDA)	BB-24	Fixed	0.0150	0.0496	93°54'33.8"	60427.941 3	-56.2720

Acceptance Summary

Processed	Passed	Flag		Fail	
4	4	0		0	

SURVEY OF INDIA (NIDA) - BB-27 (05:12:53-05:55:25) (S1)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BB-27 (B1)
Processed:	13-03-2026 08:25:46
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0211 m
Vertical precision:	0.0484 m
RMS:	0.0167 m
Maximum PDOP:	1.720
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	12-03-2026 05:13:00 (GPS Time)
Processing stop time:	12-03-2026 05:55:20 (GPS Time)
Processing duration:	00:42:20
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
	Grid		Local		Global
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BB-27				
	Grid		Local		Global
Easting	384734.071 m	Latitude	N16°46'18.33614"	Latitude	N16°46'18.33614"
Northing	1854620.224 m	Longitude	E79°55'06.48542"	Longitude	E79°55'06.48542"
Elevation	72.208 m	Height	-9.138 m	Height	-9.138 m

Vector					
ΔEasting	58627.4621 m	NS Fwd Azimuth	95°20'33.7"	ΔX	-57441.7335 m
ΔNorthing	-5970.0929 m	Ellipsoid Dist.	58938.7810 m	ΔY	12066.1566 m
ΔElevation	-69.436 m	ΔHeight	-69.5177 m	ΔZ	-5351.9209 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0147 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0179 m
$\sigma \Delta$ Northing	0.0053 m	σ Ellipsoid Dist.	0.0149 m	$\sigma \Delta$ Y	0.0446 m
$\sigma \Delta$ Elevation	0.0484 m	$\sigma \Delta$ Height	0.0484 m	$\sigma \Delta$ Z	0.0165 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003201899		
Y	0.0004474760	0.0019901670	
Z	0.0002086472	0.0006921242	0.0002738762

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BB-27
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\NIDA071A.26o	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\S42F0712.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (NIDA) - BB-26 (04:02:42-04:47:46) (S2)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BB-26 (B2)
Processed:	13-03-2026 08:25:46
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0194 m
Vertical precision:	0.0432 m
RMS:	0.0197 m
Maximum PDOP:	1.656
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	12-03-2026 04:02:50 (GPS Time)
Processing stop time:	12-03-2026 04:47:40 (GPS Time)
Processing duration:	00:44:50
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BB-26				
Grid		Local		Global	
Easting	384923.958 m	Latitude	N16°46'15.88209"	Latitude	N16°46'15.88209"
Northing	1854543.768 m	Longitude	E79°55'12.91276"	Longitude	E79°55'12.91276"
Elevation	73.386 m	Height	-7.960 m	Height	-7.960 m

Vector					
ΔEasting	58817.3497 m	NS Fwd Azimuth	95°23'51.9"	ΔX	-57625.1329 m
ΔNorthing	-6046.5491 m	Ellipsoid Dist.	59135.5104 m	ΔY	12122.0164 m
ΔElevation	-68.258 m	ΔHeight	-68.3397 m	ΔZ	-5423.8113 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0137 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0161 m
$\sigma \Delta$ Northing	0.0051 m	σ Ellipsoid Dist.	0.0136 m	$\sigma \Delta$ Y	0.0405 m
$\sigma \Delta$ Elevation	0.0432 m	$\sigma \Delta$ Height	0.0432 m	$\sigma \Delta$ Z	0.0136 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002580328		
Y	0.0003246737	0.0016396840	
Z	0.0001011262	0.0005071255	0.0001842256

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BB-26
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\NIDA071A.26o	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\S42F0710.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (NIDA) - BB-25 (03:13:04-03:58:12) (S3)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BB-25 (B3)
Processed:	13-03-2026 08:25:47
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0173 m
Vertical precision:	0.0428 m
RMS:	0.0208 m
Maximum PDOP:	1.362
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	12-03-2026 03:13:10 (GPS Time)
Processing stop time:	12-03-2026 03:58:10 (GPS Time)
Processing duration:	00:45:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BB-25				
Grid		Local		Global	
Easting	384939.421 m	Latitude	N16°46'19.05574"	Latitude	N16°46'19.05574"
Northing	1854641.223 m	Longitude	E79°55'13.41709"	Longitude	E79°55'13.41709"
Elevation	73.851 m	Height	-7.490 m	Height	-7.490 m

Vector					
ΔEasting	58832.8121 m	NS Fwd Azimuth	95°18'08.2"	ΔX	-57644.6865 m
ΔNorthing	-5949.0943 m	Ellipsoid Dist.	59141.0101 m	ΔY	12097.3564 m
ΔElevation	-67.793 m	ΔHeight	-67.8696 m	ΔZ	-5330.2652 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0122 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0134 m
$\sigma \Delta$ Northing	0.0072 m	σ Ellipsoid Dist.	0.0123 m	$\sigma \Delta$ Y	0.0396 m
$\sigma \Delta$ Elevation	0.0428 m	$\sigma \Delta$ Height	0.0428 m	$\sigma \Delta$ Z	0.0168 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001791140		
Y	0.0002113066	0.0015697243	
Z	0.0001058588	0.0006084307	0.0002832844

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BB-25
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\NIDA071A.26o	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\S42F0710.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

SURVEY OF INDIA (NIDA) - BB-24 (02:05:39-02:50:41) (S4)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BB-24 (B4)
Processed:	13-03-2026 08:25:46
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0150 m
Vertical precision:	0.0496 m
RMS:	0.0196 m
Maximum PDOP:	1.686
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	12-03-2026 02:05:40 (GPS Time)
Processing stop time:	12-03-2026 02:50:40 (GPS Time)
Processing duration:	00:45:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BB-24				
Grid		Local		Global	
Easting	386349.488 m	Latitude	N16°47'02.69013"	Latitude	N16°47'02.69013"
Northing	1855974.654 m	Longitude	E79°56'00.79913"	Longitude	E79°56'00.79913"
Elevation	85.365 m	Height	4.108 m	Height	4.108 m

Vector					
Δ Easting	60242.8794 m	NS Fwd Azimuth	93°54'33.8"	ΔX	-59092.0095 m
Δ Northing	-4615.6623 m	Ellipsoid Dist.	60427.9413 m	ΔY	11972.4750 m
Δ Elevation	-56.279 m	Δ Height	-56.2720 m	ΔZ	-4042.6630 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0106 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta X$	0.0177 m
$\sigma \Delta$ Northing	0.0032 m	σ Ellipsoid Dist.	0.0106 m	$\sigma \Delta Y$	0.0453 m
$\sigma \Delta$ Elevation	0.0496 m	$\sigma \Delta$ Height	0.0496 m	$\sigma \Delta Z$	0.0147 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003128777		
Y	0.0007148458	0.0020537123	
Z	0.0002340799	0.0006447998	0.0002146299

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BB-24
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\NIDA071A.26o	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\S42F0710.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 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)
SURVEY OF INDIA (NIDA) --- BOUNDARY- (B1)	SURVEY OF INDIA (NIDA)	BOUNDARY-22	Fixed	0.0156	0.0492	93°33'57.7"	60551.2533	-49.5402
SURVEY OF INDIA (NIDA) --- BOUNDARY-22 (B2)	SURVEY OF INDIA (NIDA)	BOUNDARY-22	Fixed	0.0219	0.0454	93°37'10.6"	60502.1299	-50.6031
SURVEY OF INDIA (NIDA) --- BOUNDARY-15 (B3)	SURVEY OF INDIA (NIDA)	BOUNDARY-15	Fixed	0.0233	0.0479	92°39'45.5"	59848.5762	-57.2849
SURVEY OF INDIA (NIDA) --- BOUNDARY-14 (B4)	SURVEY OF INDIA (NIDA)	BOUNDARY-14	Fixed	0.0135	0.0342	92°38'03.0"	59820.3620	-57.1489
SURVEY OF INDIA (NIDA) --- BOUNDARY-13 (B5)	SURVEY OF INDIA (NIDA)	BOUNDARY-13	Fixed	0.0149	0.0495	92°38'42.1"	59785.0478	-57.0036

Acceptance Summary

Processed	Passed	Flag		Fail	
5	5	0		0	

SURVEY OF INDIA (NIDA) - BOUNDARY- (06:31:00-07:16:00) (S1)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY- (B1)
Processed:	14-03-2026 10:22:22
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0156 m
Vertical precision:	0.0492 m
RMS:	0.0448 m
Maximum PDOP:	1.643
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	13-03-2026 06:31:00 (GPS Time)
Processing stop time:	13-03-2026 07:16:00 (GPS Time)
Processing duration:	00:45:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-				
Grid		Local		Global	
Easting	386499.038 m	Latitude	N16°47'14.18217"	Latitude	N16°47'14.18217"
Northing	1856327.046 m	Longitude	E79°56'05.78651"	Longitude	E79°56'05.78651"
Elevation	92.079 m	Height	10.840 m	Height	10.840 m

Vector					
ΔEasting	60392.4296 m	NS Fwd Azimuth	93°33'57.7"	ΔX	-59254.1318 m
ΔNorthing	-4263.2710 m	Ellipsoid Dist.	60551.2533 m	ΔY	11904.1811 m
ΔElevation	-49.565 m	ΔHeight	-49.5402 m	ΔZ	-3702.4963 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0110 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0137 m
$\sigma \Delta$ Northing	0.0062 m	σ Ellipsoid Dist.	0.0110 m	$\sigma \Delta$ Y	0.0469 m
$\sigma \Delta$ Elevation	0.0492 m	$\sigma \Delta$ Height	0.0492 m	$\sigma \Delta$ Z	0.0137 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001890073		
Y	0.0003789687	0.0022034927	
Z	0.0001170827	0.0005745550	0.0001888871

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (2)\NIDA072A.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (2)\S42F0722.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

SURVEY OF INDIA (NIDA) - BOUNDARY-22 (05:34:53-06:21:06) (S2)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-22 (B2)
Processed:	14-03-2026 10:22:20
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0219 m
Vertical precision:	0.0454 m
RMS:	0.0197 m
Maximum PDOP:	1.875
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	13-03-2026 05:35:00 (GPS Time)
Processing stop time:	13-03-2026 06:21:00 (GPS Time)
Processing duration:	00:46:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (NIDA)			
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:		BOUNDARY-22			
Grid		Local		Global	
Easting	386446.040 m	Latitude	N16°47'12.44991"	Latitude	N16°47'12.44991"
Northing	1856274.092 m	Longitude	E79°56'04.00600"	Longitude	E79°56'04.00600"
Elevation	91.019 m	Height	9.777 m	Height	9.777 m

Vector					
ΔEasting	60339.4315 m	NS Fwd Azimuth	93°37'10.6"	ΔX	-59199.7074 m
ΔNorthing	-4316.2253 m	Ellipsoid Dist.	60502.1299 m	ΔY	11909.1072 m
ΔElevation	-50.625 m	ΔHeight	-50.6031 m	ΔZ	-3753.7850 m

Standard Errors

Vector errors:					
σ ΔEasting	0.0150 m	σ NS fwd Azimuth	0°00'00.0"	σ ΔX	0.0174 m
σ ΔNorthing	0.0069 m	σ Ellipsoid Dist.	0.0153 m	σ ΔY	0.0427 m
σ ΔElevation	0.0454 m	σ ΔHeight	0.0454 m	σ ΔZ	0.0147 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003014836		
Y	0.0003502312	0.0018195863	
Z	0.0001730363	0.0005367552	0.0002166682

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-22
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (2)\NIDA072A.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (2)\S42F0722.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (NIDA) - BOUNDARY-15 (04:24:11-05:09:13) (S3)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-15 (B3)
Processed:	14-03-2026 10:22:19
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0233 m
Vertical precision:	0.0479 m
RMS:	0.0242 m
Maximum PDOP:	1.676
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	13-03-2026 04:24:20 (GPS Time)
Processing stop time:	13-03-2026 05:09:10 (GPS Time)
Processing duration:	00:44:50
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-15				
Grid		Local		Global	
Easting	385857.278 m	Latitude	N16°47'46.31412"	Latitude	N16°47'46.31412"
Northing	1857318.043 m	Longitude	E79°55'43.92895"	Longitude	E79°55'43.92895"
Elevation	84.303 m	Height	3.095 m	Height	3.095 m

Vector					
ΔEasting	59750.6695 m	NS Fwd Azimuth	92°39'45.5"	ΔX	-58668.0368 m
ΔNorthing	-3272.2737 m	Ellipsoid Dist.	59848.5762 m	ΔY	11502.7659 m
ΔElevation	-57.342 m	ΔHeight	-57.2849 m	ΔZ	-2759.0865 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0165 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0204 m
$\sigma \Delta$ Northing	0.0041 m	σ Ellipsoid Dist.	0.0165 m	$\sigma \Delta$ Y	0.0439 m
$\sigma \Delta$ Elevation	0.0479 m	$\sigma \Delta$ Height	0.0479 m	$\sigma \Delta$ Z	0.0154 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0004150579		
Y	0.0005370008	0.0019297256	
Z	0.0001994545	0.0006481120	0.0002359529

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-15
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (2)\NIDA072A.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (2)\S42F0721.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (NIDA) - BOUNDARY-14 (03:35:18-04:20:34) (S4)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-14 (B4)
Processed:	14-03-2026 10:22:32
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0135 m
Vertical precision:	0.0342 m
RMS:	0.0194 m
Maximum PDOP:	1.527
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	13-03-2026 03:35:20 (GPS Time)
Processing stop time:	13-03-2026 04:20:30 (GPS Time)
Processing duration:	00:45:10
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-14				
Grid		Local		Global	
Easting	385830.731 m	Latitude	N16°47'47.32558"	Latitude	N16°47'47.32558"
Northing	1857349.273 m	Longitude	E79°55'43.02652"	Longitude	E79°55'43.02652"
Elevation	84.438 m	Height	3.231 m	Height	3.231 m

Vector					
ΔEasting	59724.1225 m	NS Fwd Azimuth	92°38'03.0"	ΔX	-58643.2752 m
ΔNorthing	-3241.0442 m	Ellipsoid Dist.	59820.3620 m	ΔY	11489.3747 m
ΔElevation	-57.206 m	ΔHeight	-57.1489 m	ΔZ	-2729.2806 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0095 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0104 m
$\sigma \Delta$ Northing	0.0057 m	σ Ellipsoid Dist.	0.0094 m	$\sigma \Delta$ Y	0.0318 m
$\sigma \Delta$ Elevation	0.0342 m	$\sigma \Delta$ Height	0.0342 m	$\sigma \Delta$ Z	0.0130 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001077216		
Y	0.0001337132	0.0010120926	
Z	0.0000493126	0.0003751051	0.0001700541

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-14
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (2)\NIDA072A.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (2)\S42F0721.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (NIDA) - BOUNDARY-13 (02:19:08-03:04:11) (S5)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-13 (B5)
Processed:	14-03-2026 10:22:31
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0149 m
Vertical precision:	0.0495 m
RMS:	0.0204 m
Maximum PDOP:	1.499
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	13-03-2026 02:19:10 (GPS Time)
Processing stop time:	13-03-2026 03:04:10 (GPS Time)
Processing duration:	00:45:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-13				
Grid		Local		Global	
Easting	385794.862 m	Latitude	N16°47'47.01316"	Latitude	N16°47'47.01316"
Northing	1857339.865 m	Longitude	E79°55'41.81663"	Longitude	E79°55'41.81663"
Elevation	84.584 m	Height	3.376 m	Height	3.376 m

Vector					
ΔEasting	59688.2532 m	NS Fwd Azimuth	92°38'42.1"	ΔX	-58607.4912 m
ΔNorthing	-3250.4522 m	Ellipsoid Dist.	59785.0478 m	ΔY	11485.9789 m
ΔElevation	-57.060 m	ΔHeight	-57.0036 m	ΔZ	-2738.4329 m

Standard Errors

Vector errors:					
$\sigma \Delta \text{Easting}$	0.0106 m	$\sigma \text{ NS fwd Azimuth}$	0°00'00.0"	$\sigma \Delta X$	0.0155 m
$\sigma \Delta \text{Northing}$	0.0047 m	$\sigma \text{ Ellipsoid Dist.}$	0.0106 m	$\sigma \Delta Y$	0.0463 m
$\sigma \Delta \text{Elevation}$	0.0495 m	$\sigma \Delta \text{Height}$	0.0495 m	$\sigma \Delta Z$	0.0139 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002400594		
Y	0.0005334006	0.0021460738	
Z	0.0001625396	0.0006050355	0.0001942157

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-13
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (2)\NIDA072A.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (2)\S42F0720.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 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)
SURVEY OF INDIA (NIDA) --- BOUNDARY-35 (B1)	SURVEY OF INDIA (NIDA)	BOUNDARY-35	Fixed	0.0148	0.0494	93°12'04.9"	58489.6209	-42.7299

Acceptance Summary

Processed	Passed	Flag		Fail	
1	1	0		0	

SURVEY OF INDIA (NIDA) - BOUNDARY-35 (02:46:16-03:31:31) (S1)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-35 (B1)
Processed:	15-03-2026 04:52:17
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0148 m
Vertical precision:	0.0494 m
RMS:	0.0399 m
Maximum PDOP:	1.404
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	14-03-2026 02:46:20 (GPS Time)
Processing stop time:	14-03-2026 03:31:30 (GPS Time)
Processing duration:	00:45:10
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-35				
Grid		Local		Global	
Easting	384468.035 m	Latitude	N16°47'30.62805"	Latitude	N16°47'30.62805"
Northing	1856843.498 m	Longitude	E79°54'57.09001"	Longitude	E79°54'57.09001"
Elevation	98.903 m	Height	17.650 m	Height	17.650 m

Vector					
ΔEasting	58361.4264 m	NS Fwd Azimuth	93°12'04.9"	ΔX	-57275.6438 m
ΔNorthing	-3746.8193 m	Ellipsoid Dist.	58489.6209 m	ΔY	11410.9636 m
ΔElevation	-42.741 m	ΔHeight	-42.7299 m	ΔZ	-3216.5189 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0102 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0155 m
$\sigma \Delta$ Northing	0.0060 m	σ Ellipsoid Dist.	0.0103 m	$\sigma \Delta$ Y	0.0451 m
$\sigma \Delta$ Elevation	0.0494 m	$\sigma \Delta$ Height	0.0494 m	$\sigma \Delta$ Z	0.0176 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002387975		
Y	0.0005420964	0.0020295270	
Z	0.0002187909	0.0007469121	0.0003099779

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-35
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (2)\NIDA073C.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (2)\S42F0730.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 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)
SURVEY OF INDIA (NIDA) --- BOUNDARY-34 (B1)	SURVEY OF INDIA (NIDA)	BOUNDARY- 34	Fixed	0.024	0.089	95°25'35"	58703.829	-68.013

Acceptance Summary

Processed	Passed	Flag		Fail	
1	1	0		0	

SURVEY OF INDIA (NIDA) - BOUNDARY-34 (2:40:50 AM-3:26:10 AM) (S1)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-34 (B1)
Processed:	16-Mar-26 4:48:42 AM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.024 m
Vertical precision:	0.089 m
RMS:	0.017 m
Maximum PDOP:	1.432
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	15-Mar-26 2:40:50 AM (GPS Time)
Processing stop time:	15-Mar-26 3:26:10 AM (GPS Time)
Processing duration:	00:45:20
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (NIDA)			
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:		BOUNDARY-34			
Grid		Local		Global	
Easting	384491.645 m	Latitude	N16°46'16.29549"	Latitude	N16°46'16.29549"
Northing	1854558.829 m	Longitude	E79°54'58.30902"	Longitude	E79°54'58.30902"
Elevation	73.719 m	Height	-7.633 m	Height	-7.633 m

Vector					
ΔEasting	58385.036 m	NS Fwd Azimuth	95°25'35"	ΔX	-57199.908 m
ΔNorthing	-6031.488 m	Ellipsoid Dist.	58703.829 m	ΔY	12043.005 m
ΔElevation	-67.925 m	ΔHeight	-68.013 m	ΔZ	-5411.550 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.010 m	σ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.011 m
$\sigma \Delta$ Northing	0.006 m	σ Ellipsoid Dist.	0.010 m	$\sigma \Delta$ Y	0.043 m
$\sigma \Delta$ Elevation	0.046 m	$\sigma \Delta$ Height	0.046 m	$\sigma \Delta$ Z	0.015 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001268636		
Y	0.0002574354	0.0018491016	
Z	0.0000932056	0.0005836291	0.0002218699

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-34
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (8)\NIDA074C.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (8)\S42F0740.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.000 m	2.000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 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)
SURVEY OF INDIA (NIDA) --- BOUNDARY-29 (B2)	SURVEY OF INDIA (NIDA)	BOUNDARY- 29	Fixed	0.0187	0.0492	95°28'53.4"	58911.499 5	-70.0648

Acceptance Summary

Processed	Passed	Flag		Fail	
1	1	0		0	

SURVEY OF INDIA (NIDA) - BOUNDARY-29 (4:41:34 AM-5:16:07 AM) (S2)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-29 (B2)
Processed:	17-Mar-26 7:23:41 AM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0187 m
Vertical precision:	0.0492 m
RMS:	0.0225 m
Maximum PDOP:	1.623
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	16-Mar-26 4:41:40 AM (GPS Time)
Processing stop time:	16-Mar-26 5:16:00 AM (GPS Time)
Processing duration:	00:34:20
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-29				
Grid		Local		Global	
Easting	384692.311 m	Latitude	N16°46'13.80064"	Latitude	N16°46'13.80064"
Northing	1854481.058 m	Longitude	E79°55'05.10063"	Longitude	E79°55'05.10063"
Elevation	71.667 m	Height	-9.685 m	Height	-9.685 m

Vector					
ΔEasting	58585.7022 m	NS Fwd Azimuth	95°28'53.4"	ΔX	-57394.4052 m
ΔNorthing	-6109.2593 m	Ellipsoid Dist.	58911.4995 m	ΔY	12098.0715 m
ΔElevation	-69.977 m	ΔHeight	-70.0648 m	ΔZ	-5485.5728 m

Standard Errors

Vector errors:					
$\sigma \Delta \text{Easting}$	0.0132 m	$\sigma \text{ NS fwd Azimuth}$	0°00'00.0"	$\sigma \Delta X$	0.0151 m
$\sigma \Delta \text{Northing}$	0.0038 m	$\sigma \text{ Ellipsoid Dist.}$	0.0132 m	$\sigma \Delta Y$	0.0459 m
$\sigma \Delta \text{Elevation}$	0.0492 m	$\sigma \Delta \text{Height}$	0.0492 m	$\sigma \Delta Z$	0.0165 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002271608		
Y	0.0003247717	0.0021048510	
Z	0.0001411118	0.0007372313	0.0002720004

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-29
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (8)\NIDA075E.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (8)\S42F0750.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 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)
SURVEY OF INDIA (NIDA) --- MWYB-02 (B13)	SURVEY OF INDIA(NIDA)	MWYB-02	Fixed	0.0380	0.0436	94°44'35.2"	59522.662 5	-66.3569
SURVEY OF INDIA (NIDA) --- MWYB-03 (B14)	SURVEY OF INDIA(NIDA)	MWYB-03	Fixed	0.0144	0.0192	93°57'56.7"	59031.436 4	-59.3281
SURVEY OF INDIA (NIDA) --- MWYB-04 (B15)	SURVEY OF INDIA(NIDA)	MWYB-04	Fixed	0.0137	0.0198	93°38'55.2"	59463.547 4	-61.5338
SURVEY OF INDIA (NIDA) --- MWYB-05 (B16)	SURVEY OF INDIA(NIDA)	MWYB-05	Fixed	0.0123	0.0288	93°03'24.3"	60047.652 7	-56.1601
SURVEY OF INDIA (V085) --- MWYB-01 (B18)	SURVEY OF INDIA(V085)	MWYB-01	Fixed	0.0123	0.0169	2°17'27.9"	2.7162	-78.5125

Acceptance Summary

Processed	Passed	Flag		Fail	
5	5	0		0	

SURVEY OF INDIA(NIDA) - MWYB-02 (04:46:20-05:01:32) (S13)

Baseline observation:	SURVEY OF INDIA(NIDA) --- MWYB-02 (B13)
Processed:	02-04-2026 04:54:05
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0380 m
Vertical precision:	0.0436 m
RMS:	0.0236 m
Maximum PDOP:	1.496
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	18-03-2026 04:46:20 (GPS Time)
Processing stop time:	18-03-2026 05:01:32 (GPS Time)
Processing duration:	00:15:12
Processing interval:	1 second
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA(NIDA)				
	Grid		Local		Global
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	MWYB-02				
	Grid		Local		Global
Easting	385374.649 m	Latitude	N16°46'36.69301"	Latitude	N16°46'36.69301"
Northing	1855180.923 m	Longitude	E79°55'28.01783"	Longitude	E79°55'28.01783"
Elevation	75.333 m	Height	-5.977 m	Height	-5.977 m

Vector					
ΔEasting	59268.0401 m	NS Fwd Azimuth	94°44'35.2"	ΔX	-58097.5362 m
ΔNorthing	-5409.3940 m	Ellipsoid Dist.	59522.6625 m	ΔY	12020.3812 m
ΔElevation	-66.311 m	ΔHeight	-66.3569 m	ΔZ	-4810.7164 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0266 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0277 m
$\sigma \Delta$ Northing	0.0115 m	σ Ellipsoid Dist.	0.0268 m	$\sigma \Delta$ Y	0.0407 m
$\sigma \Delta$ Elevation	0.0436 m	$\sigma \Delta$ Height	0.0436 m	$\sigma \Delta$ Z	0.0177 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0007700485		
Y	0.0002482848	0.0016562417	
Z	0.0002089274	0.0005116255	0.0003141886

Occupations

	From	To
Point ID:	SURVEY OF INDIA(NIDA)	MWYB-02
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\NIDA077A.26o	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\S42F0771.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

SURVEY OF INDIA(NIDA) - MWYB-03 (03:45:33-04:00:35) (S14)

Baseline observation:	SURVEY OF INDIA(NIDA) --- MWYB-03 (B14)
Processed:	02-04-2026 04:54:05
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0144 m
Vertical precision:	0.0192 m
RMS:	0.0185 m
Maximum PDOP:	1.417
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	18-03-2026 03:45:33 (GPS Time)
Processing stop time:	18-03-2026 04:00:35 (GPS Time)
Processing duration:	00:15:02
Processing interval:	1 second
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA(NIDA)			
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:		MWYB-03			
Grid		Local		Global	
Easting	384952.934 m	Latitude	N16°47'04.03168"	Latitude	N16°47'04.03168"
Northing	1856023.439 m	Longitude	E79°55'13.61954"	Longitude	E79°55'13.61954"
Elevation	82.333 m	Height	1.052 m	Height	1.052 m

Vector					
ΔEasting	58846.3249 m	NS Fwd Azimuth	93°57'56.7"	ΔX	-57719.0085 m
ΔNorthing	-4566.8779 m	Ellipsoid Dist.	59031.4364 m	ΔY	11713.5067 m
ΔElevation	-59.311 m	ΔHeight	-59.3281 m	ΔZ	-4004.0620 m

Standard Errors

Vector errors:					
σ ΔEasting	0.0101 m	σ NS fwd Azimuth	0°00'00.0"	σ ΔX	0.0103 m
σ ΔNorthing	0.0084 m	σ Ellipsoid Dist.	0.0100 m	σ ΔY	0.0184 m
σ ΔElevation	0.0192 m	σ ΔHeight	0.0192 m	σ ΔZ	0.0098 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001054337		
Y	0.0000336249	0.0003401448	
Z	0.0000032482	0.0000842341	0.0000961722

Occupations

	From	To
Point ID:	SURVEY OF INDIA(NIDA)	MWYB-03
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\NIDA077A.26o	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\S42F0771.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA(NIDA) - MWYB-04 (03:16:34-03:31:37) (S15)

Baseline observation:	SURVEY OF INDIA(NIDA) --- MWYB-04 (B15)
Processed:	02-04-2026 04:54:06
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0137 m
Vertical precision:	0.0198 m
RMS:	0.0193 m
Maximum PDOP:	1.354
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	18-03-2026 03:16:34 (GPS Time)
Processing stop time:	18-03-2026 03:31:37 (GPS Time)
Processing duration:	00:15:03
Processing interval:	1 second
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA(NIDA)				
	Grid		Local		Global
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	MWYB-04				
	Grid		Local		Global
Easting	385408.193 m	Latitude	N16°47'13.69916"	Latitude	N16°47'13.69916"
Northing	1856318.086 m	Longitude	E79°55'28.94262"	Longitude	E79°55'28.94262"
Elevation	80.106 m	Height	-1.154 m	Height	-1.154 m

Vector					
ΔEasting	59301.5839 m	NS Fwd Azimuth	93°38'55.2"	ΔX	-58181.1546 m
ΔNorthing	-4272.2303 m	Ellipsoid Dist.	59463.5474 m	ΔY	11706.3243 m
ΔElevation	-61.538 m	ΔHeight	-61.5338 m	ΔZ	-3720.1755 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0088 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0091 m
$\sigma \Delta$ Northing	0.0095 m	σ Ellipsoid Dist.	0.0088 m	$\sigma \Delta$ Y	0.0191 m
$\sigma \Delta$ Elevation	0.0198 m	$\sigma \Delta$ Height	0.0198 m	$\sigma \Delta$ Z	0.0106 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000830070		
Y	0.0000407650	0.0003630609	
Z	0.0000029927	0.0000786984	0.0001128972

Occupations

	From	To
Point ID:	SURVEY OF INDIA(NIDA)	MWYB-04
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\NIDA077A.26o	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (27)\S42F0770.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

SURVEY OF INDIA(NIDA) - MWYB-05 (02:27:49-02:43:00) (S16)

Baseline observation:	SURVEY OF INDIA(NIDA) --- MWYB-05 (B16)
Processed:	02-04-2026 04:54:06
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0123 m
Vertical precision:	0.0288 m
RMS:	0.0198 m
Maximum PDOP:	1.396
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	18-03-2026 02:27:49 (GPS Time)
Processing stop time:	18-03-2026 02:43:00 (GPS Time)
Processing duration:	00:15:11
Processing interval:	1 second
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA(NIDA)			
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:		MWYB-05			
Grid		Local		Global	
Easting	386032.014 m	Latitude	N16°47'32.57780"	Latitude	N16°47'32.57780"
Northing	1856894.929 m	Longitude	E79°55'49.90835"	Longitude	E79°55'49.90835"
Elevation	85.443 m	Height	4.220 m	Height	4.220 m

Vector					
Δ Easting	59925.4049 m	NS Fwd Azimuth	93°03'24.3"	ΔX	-58820.8461 m
Δ Northing	-3695.3883 m	Ellipsoid Dist.	60047.6527 m	ΔY	11654.9146 m
Δ Elevation	-56.201 m	Δ Height	-56.1601 m	ΔZ	-3163.0175 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0087 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta X$	0.0099 m
$\sigma \Delta$ Northing	0.0083 m	σ Ellipsoid Dist.	0.0087 m	$\sigma \Delta Y$	0.0278 m
$\sigma \Delta$ Elevation	0.0288 m	$\sigma \Delta$ Height	0.0288 m	$\sigma \Delta Z$	0.0101 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000983663		
Y	0.0001259256	0.0007754559	
Z	0.0000288049	0.0001620985	0.0001018638

Occupations

	From	To
Point ID:	SURVEY OF INDIA(NIDA)	MWYB-05
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\NIDA077A.26o	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\S42F0770.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

SURVEY OF INDIA(V085) - MWYB-01 (06:06:20-06:21:18) (S18)

Baseline observation:	SURVEY OF INDIA(V085) --- MWYB-01 (B18)
Processed:	02-04-2026 04:54:05
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0123 m
Vertical precision:	0.0169 m
RMS:	0.0330 m
Maximum PDOP:	2.536
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	18-03-2026 06:06:20 (GPS Time)
Processing stop time:	18-03-2026 06:21:18 (GPS Time)
Processing duration:	00:14:58
Processing interval:	1 second
Processing mode:	Uncombined Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA(V085)				
Grid		Local		Global	
Easting	384875.849 m	Latitude	N16°46'19.13430"	Latitude	N16°46'19.13430"
Northing	1854643.983 m	Longitude	E79°55'11.26950"	Longitude	E79°55'11.26950"
Elevation	151.748 m	Height	70.406 m	Height	70.406 m

To:	MWYB-01				
Grid		Local		Global	
Easting	384875.972 m	Latitude	N16°46'19.22259"	Latitude	N16°46'19.22259"
Northing	1854646.695 m	Longitude	E79°55'11.27317"	Longitude	E79°55'11.27317"
Elevation	73.235 m	Height	-8.107 m	Height	-8.107 m

Vector					
Δ Easting	0.1233 m	NS Fwd Azimuth	2°17'27.9"	ΔX	-13.4012 m
Δ Northing	2.7127 m	Ellipsoid Dist.	2.7162 m	ΔY	-74.7643 m
Δ Elevation	-78.513 m	Δ Height	-78.5125 m	ΔZ	-20.0573 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0076 m	σ NS fwd Azimuth	0°09'48.6"	$\sigma \Delta X$	0.0074 m
$\sigma \Delta$ Northing	0.0074 m	σ Ellipsoid Dist.	0.0073 m	$\sigma \Delta Y$	0.0168 m
$\sigma \Delta$ Elevation	0.0169 m	$\sigma \Delta$ Height	0.0169 m	$\sigma \Delta Z$	0.0080 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000541019		
Y	0.0000078591	0.0002819825	
Z	0.0000180071	0.0000456615	0.0000635188

Occupations

	From	To
Point ID:	SURVEY OF INDIA(V085)	MWYB-01
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\V085077C.26o	C:\Users\LENOVO\Dropbox\PC\Documents \Trimble Business Center\Unnamed (27)\S42F0773.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6148R40057	6504100200
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 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)
SURVEY OF INDIA (NIDA) --- BOUNDARY- 38 (B1)	SURVEY OF INDIA (NIDA)	BOUNDARY- 38	Fixed	0.0203	0.0482	92°25'42.1"	59397.7834	-56.5498
SURVEY OF INDIA (NIDA) --- BOUNDARY- 39 (B2)	SURVEY OF INDIA (NIDA)	BOUNDARY- 39	Fixed	0.0218	0.0482	92°25'00.2"	59379.3988	-57.3674
SURVEY OF INDIA (NIDA) --- BOUNDARY- 40 (B3)	SURVEY OF INDIA (NIDA)	BOUNDARY- 40	Fixed	0.0269	0.0469	92°19'54.3"	59387.0618	-55.9533
SURVEY OF INDIA (NIDA) --- BOUNDARY- 41 (B4)	SURVEY OF INDIA (NIDA)	BOUNDARY- 41	Fixed	0.0177	0.0410	92°19'51.4"	59392.3753	-55.8885
SURVEY OF INDIA (NIDA) --- BOUNDARY- 01 (B5)	SURVEY OF INDIA (NIDA)	BOUNDARY- 01	Fixed	0.0174	0.0492	92°11'39.0"	59427.8378	-54.5276
SURVEY OF INDIA (NIDA) --- BOUNDARY- 02 (B6)	SURVEY OF INDIA (NIDA)	BOUNDARY- 02	Fixed	0.0224	0.0481	92°12'00.1"	59459.7961	-54.9931

Acceptance Summary

Processed	Passed	Flag		Fail	
6	6	0		0	

SURVEY OF INDIA (NIDA) - BOUNDARY- 38 (6:45:58 AM-7:31:01 AM) (S1)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY- 38 (B1)
Processed:	02-Mar-26 6:34:55 AM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0203 m
Vertical precision:	0.0482 m
RMS:	0.0258 m
Maximum PDOP:	1.824
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	01-Mar-26 6:46:00 AM (GPS Time)
Processing stop time:	01-Mar-26 7:31:00 AM (GPS Time)
Processing duration:	00:45:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY- 38				
Grid		Local		Global	
Easting	385420.048 m	Latitude	N16°47'54.92851"	Latitude	N16°47'54.92851"
Northing	1857585.164 m	Longitude	E79°55'29.11099"	Longitude	E79°55'29.11099"
Elevation	85.034 m	Height	3.830 m	Height	3.830 m

Vector					
ΔEasting	59313.4394 m	NS Fwd Azimuth	92°25'42.1"	ΔX	-58249.2880 m
ΔNorthing	-3005.1525 m	Ellipsoid Dist.	59397.7834 m	ΔY	11351.3661 m
ΔElevation	-56.610 m	ΔHeight	-56.5498 m	ΔZ	-2505.3593 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0142 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0139 m
$\sigma \Delta$ Northing	0.0077 m	σ Ellipsoid Dist.	0.0142 m	$\sigma \Delta$ Y	0.0460 m
$\sigma \Delta$ Elevation	0.0482 m	$\sigma \Delta$ Height	0.0482 m	$\sigma \Delta$ Z	0.0166 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001924140		
Y	0.0001573184	0.0021128026	
Z	0.0000888373	0.0006598592	0.0002746079

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY- 38
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\NIDA060A.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\WID30605.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (NIDA) - BOUNDARY- 39 (5:56:45 AM-6:41:49 AM) (S2)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY- 39 (B2)
Processed:	02-Mar-26 6:34:55 AM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0218 m
Vertical precision:	0.0482 m
RMS:	0.0190 m
Maximum PDOP:	1.747
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	01-Mar-26 5:56:50 AM (GPS Time)
Processing stop time:	01-Mar-26 6:41:40 AM (GPS Time)
Processing duration:	00:44:50
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY- 39				
Grid		Local		Global	
Easting	385402.301 m	Latitude	N16°47'55.34788"	Latitude	N16°47'55.34788"
Northing	1857598.150 m	Longitude	E79°55'28.50913"	Longitude	E79°55'28.50913"
Elevation	84.216 m	Height	3.013 m	Height	3.013 m

Vector					
ΔEasting	59295.6922 m	NS Fwd Azimuth	92°25'00.2"	ΔX	-58232.5300 m
ΔNorthing	-2992.1671 m	Ellipsoid Dist.	59379.3988 m	ΔY	11343.8094 m
ΔElevation	-57.428 m	ΔHeight	-57.3674 m	ΔZ	-2493.2538 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0152 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0190 m
$\sigma \Delta$ Northing	0.0051 m	σ Ellipsoid Dist.	0.0153 m	$\sigma \Delta$ Y	0.0442 m
$\sigma \Delta$ Elevation	0.0482 m	$\sigma \Delta$ Height	0.0482 m	$\sigma \Delta$ Z	0.0163 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003592740		
Y	0.0005050742	0.0019557269	
Z	0.0002268606	0.0006756846	0.0002650976

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY- 39
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\NIDA060A.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\WID30604.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

SURVEY OF INDIA (NIDA) - BOUNDARY- 40 (5:07:37 AM-5:52:39 AM) (S3)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY- 40 (B3)
Processed:	02-Mar-26 6:34:55 AM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0269 m
Vertical precision:	0.0469 m
RMS:	0.0158 m
Maximum PDOP:	1.884
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	01-Mar-26 5:07:40 AM (GPS Time)
Processing stop time:	01-Mar-26 5:52:30 AM (GPS Time)
Processing duration:	00:44:50
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (NIDA)			
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:		BOUNDARY- 40			
Grid		Local		Global	
Easting	385414.324 m	Latitude	N16°47'58.19839"	Latitude	N16°47'58.19839"
Northing	1857685.692 m	Longitude	E79°55'28.89920"	Longitude	E79°55'28.89920"
Elevation	85.626 m	Height	4.427 m	Height	4.427 m

Vector					
ΔEasting	59307.7149 m	NS Fwd Azimuth	92°19'54.3"	ΔX	-58248.0959 m
ΔNorthing	-2904.6249 m	Ellipsoid Dist.	59387.0618 m	ΔY	11322.2277 m
ΔElevation	-56.018 m	ΔHeight	-55.9533 m	ΔZ	-2408.9576 m

Standard Errors

Vector errors:					
σ ΔEasting	0.0190 m	σ NS fwd Azimuth	0°00'00.0"	σ ΔX	0.0205 m
σ ΔNorthing	0.0050 m	σ Ellipsoid Dist.	0.0189 m	σ ΔY	0.0442 m
σ ΔElevation	0.0469 m	σ ΔHeight	0.0469 m	σ ΔZ	0.0144 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0004222573		
Y	0.0003158427	0.0019518408	
Z	0.0000854188	0.0005938785	0.0002060108

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY- 40
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\NIDA060A.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\WID30603.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

SURVEY OF INDIA (NIDA) - BOUNDARY- 41 (4:18:20 AM-5:03:21 AM) (S4)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY- 41 (B4)
Processed:	02-Mar-26 6:34:55 AM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0177 m
Vertical precision:	0.0410 m
RMS:	0.0164 m
Maximum PDOP:	1.412
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	01-Mar-26 4:18:20 AM (GPS Time)
Processing stop time:	01-Mar-26 5:03:20 AM (GPS Time)
Processing duration:	00:45:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (NIDA)			
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:		BOUNDARY- 41			
Grid		Local		Global	
Easting	385419.671 m	Latitude	N16°47'58.21816"	Latitude	N16°47'58.21816"
Northing	1857686.271 m	Longitude	E79°55'29.07971"	Longitude	E79°55'29.07971"
Elevation	85.691 m	Height	4.492 m	Height	4.492 m

Vector					
ΔEasting	59313.0619 m	NS Fwd Azimuth	92°19'51.4"	ΔX	-58253.3784 m
ΔNorthing	-2904.0463 m	Ellipsoid Dist.	59392.3753 m	ΔY	11323.0510 m
ΔElevation	-55.953 m	ΔHeight	-55.8885 m	ΔZ	-2408.3571 m

Standard Errors

Vector errors:					
σ ΔEasting	0.0119 m	σ NS fwd Azimuth	0°00'00.0"	σ ΔX	0.0110 m
σ ΔNorthing	0.0076 m	σ Ellipsoid Dist.	0.0117 m	σ ΔY	0.0382 m
σ ΔElevation	0.0410 m	σ ΔHeight	0.0410 m	σ ΔZ	0.0173 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001201715		
Y	0.0000682733	0.0014595574	
Z	0.0000187577	0.0006172910	0.0003003914

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY- 41
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\NIDA060A.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\WID30602.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (NIDA) - BOUNDARY- 01 (3:24:57 AM-4:09:59 AM) (S5)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY- 01 (B5)
Processed:	02-Mar-26 6:34:54 AM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0174 m
Vertical precision:	0.0492 m
RMS:	0.0197 m
Maximum PDOP:	1.512
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	01-Mar-26 3:25:00 AM (GPS Time)
Processing stop time:	01-Mar-26 4:09:50 AM (GPS Time)
Processing duration:	00:44:50
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY- 01				
Grid		Local		Global	
Easting	385461.848 m	Latitude	N16°48'02.77863"	Latitude	N16°48'02.77863"
Northing	1857826.203 m	Longitude	E79°55'30.47881"	Longitude	E79°55'30.47881"
Elevation	87.045 m	Height	5.852 m	Height	5.852 m

Vector					
ΔEasting	59355.2396 m	NS Fwd Azimuth	92°11'39.0"	ΔX	-58301.0282 m
ΔNorthing	-2764.1134 m	Ellipsoid Dist.	59427.8378 m	ΔY	11291.6853 m
ΔElevation	-54.600 m	ΔHeight	-54.5276 m	ΔZ	-2273.7543 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0122 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0187 m
$\sigma \Delta$ Northing	0.0038 m	σ Ellipsoid Dist.	0.0123 m	$\sigma \Delta$ Y	0.0445 m
$\sigma \Delta$ Elevation	0.0492 m	$\sigma \Delta$ Height	0.0492 m	$\sigma \Delta$ Z	0.0158 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003505564		
Y	0.0007073038	0.0019792931	
Z	0.0002605325	0.0006811129	0.0002503150

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY- 01
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\NIDA060A.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\WID30601.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (NIDA) - BOUNDARY- 02 (2:31:45 AM-3:16:59 AM) (S6)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY- 02 (B6)
Processed:	02-Mar-26 6:34:54 AM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0224 m
Vertical precision:	0.0481 m
RMS:	0.0283 m
Maximum PDOP:	1.633
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	01-Mar-26 2:31:50 AM (GPS Time)
Processing stop time:	01-Mar-26 3:16:50 AM (GPS Time)
Processing duration:	00:45:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY- 02				
Grid		Local		Global	
Easting	385493.481 m	Latitude	N16°48'02.53838"	Latitude	N16°48'02.53838"
Northing	1857818.648 m	Longitude	E79°55'31.54874"	Longitude	E79°55'31.54874"
Elevation	86.579 m	Height	5.387 m	Height	5.387 m

Vector					
ΔEasting	59386.8727 m	NS Fwd Azimuth	92°12'00.1"	ΔX	-58331.9255 m
ΔNorthing	-2771.6689 m	Ellipsoid Dist.	59459.7961 m	ΔY	11298.8905 m
ΔElevation	-55.065 m	ΔHeight	-54.9931 m	ΔZ	-2280.9592 m

Standard Errors

Vector errors:					
$\sigma \Delta \text{Easting}$	0.0158 m	$\sigma \text{ NS fwd Azimuth}$	0°00'00.0"	$\sigma \Delta X$	0.0154 m
$\sigma \Delta \text{Northing}$	0.0038 m	$\sigma \text{ Ellipsoid Dist.}$	0.0158 m	$\sigma \Delta Y$	0.0462 m
$\sigma \Delta \text{Elevation}$	0.0481 m	$\sigma \Delta \text{Height}$	0.0481 m	$\sigma \Delta Z$	0.0145 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002375252		
Y	0.0001449626	0.0021324644	
Z	0.0000700433	0.0006402503	0.0002099188

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY- 02
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\NIDA060A.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\WID30600.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 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)
V156 --- BOUNDARY-36 (B1)	V156	BOUNDARY-36	Fixed	0.008	0.050	169°24'10"	38.637	-80.889
V156 --- BOUNDARY-37 (B2)	V156	BOUNDARY-37	Fixed	0.008	0.076	228°16'24"	1.206	-81.138

Acceptance Summary

Processed	Passed	Flag	Fail
2	2	0	0

V156 - BOUNDARY-36 (3:16:02 AM-4:02:29 AM) (S1)

Baseline observation:	V156 --- BOUNDARY-36 (B1)
Processed:	05-Mar-26 6:19:08 AM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.008 m
Vertical precision:	0.050 m
RMS:	0.026 m
Maximum PDOP:	2.724
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	02-Mar-26 3:16:10 AM (GPS Time)
Processing stop time:	02-Mar-26 4:02:20 AM (GPS Time)
Processing duration:	00:46:10
Processing interval:	10 seconds
Processing mode:	Uncombined Mode

Vector Components (Mark to Mark)

From:	V156				
Grid		Local		Global	
Easting	385474.706 m	Latitude	N16°47'54.63400"	Latitude	N16°47'54.63400"
Northing	1857575.816 m	Longitude	E79°55'30.95900"	Longitude	E79°55'30.95900"
Elevation	165.450 m	Height	84.247 m	Height	84.247 m

To:	BOUNDARY-36				
Grid		Local		Global	
Easting	385481.604 m	Latitude	N16°47'53.39858"	Latitude	N16°47'53.39858"
Northing	1857537.810 m	Longitude	E79°55'31.19896"	Longitude	E79°55'31.19896"
Elevation	84.563 m	Height	3.358 m	Height	3.358 m

Vector					
ΔEasting	6.898 m	NS Fwd Azimuth	169°24'10"	ΔX	-18.622 m
ΔNorthing	-38.007 m	Ellipsoid Dist.	38.637 m	ΔY	-64.194 m
ΔElevation	-80.887 m	ΔHeight	-80.889 m	ΔZ	-59.735 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.003 m	σ NS fwd Azimuth	0°00'18"	$\sigma \Delta$ X	0.006 m
$\sigma \Delta$ Northing	0.003 m	σ Ellipsoid Dist.	0.003 m	$\sigma \Delta$ Y	0.024 m
$\sigma \Delta$ Elevation	0.026 m	$\sigma \Delta$ Height	0.026 m	$\sigma \Delta$ Z	0.008 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000394470		
Y	0.0001312836	0.0005798458	
Z	0.0000396436	0.0001756812	0.0000610695

Occupations

	From	To
Point ID:	V156	BOUNDARY-36
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\V156061C.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\WID30611.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6148R40057	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.000 m	2.000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

V156 - BOUNDARY-37 (2:26:54 AM-3:12:12 AM) (S2)

Baseline observation:	V156 --- BOUNDARY-37 (B2)
Processed:	05-Mar-26 6:19:08 AM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.008 m
Vertical precision:	0.076 m
RMS:	0.029 m
Maximum PDOP:	2.408
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	02-Mar-26 2:27:00 AM (GPS Time)
Processing stop time:	02-Mar-26 3:12:10 AM (GPS Time)
Processing duration:	00:45:10
Processing interval:	10 seconds
Processing mode:	Uncombined Mode

Vector Components (Mark to Mark)

From:		V156			
Grid		Local		Global	
Easting	385474.706 m	Latitude	N16°47'54.63400"	Latitude	N16°47'54.63400"
Northing	1857575.816 m	Longitude	E79°55'30.95900"	Longitude	E79°55'30.95900"
Elevation	165.450 m	Height	84.247 m	Height	84.247 m

To:		BOUNDARY-37			
Grid		Local		Global	
Easting	385473.802 m	Latitude	N16°47'54.60789"	Latitude	N16°47'54.60789"
Northing	1857575.019 m	Longitude	E79°55'30.92860"	Longitude	E79°55'30.92860"
Elevation	84.312 m	Height	3.109 m	Height	3.109 m

Vector					
ΔEasting	-0.904 m	NS Fwd Azimuth	228°16'24"	ΔX	-12.661 m
ΔNorthing	-0.798 m	Ellipsoid Dist.	1.206 m	ΔY	-76.407 m
ΔElevation	-81.138 m	ΔHeight	-81.138 m	ΔZ	-24.218 m

Standard Errors

Vector errors:					
σ ΔEasting	0.003 m	σ NS fwd Azimuth	0°08'03"	σ ΔX	0.008 m
σ ΔNorthing	0.003 m	σ Ellipsoid Dist.	0.003 m	σ ΔY	0.036 m
σ ΔElevation	0.039 m	σ ΔHeight	0.039 m	σ ΔZ	0.012 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000651270		
Y	0.0002664091	0.0013080399	
Z	0.0000858355	0.0004252658	0.0001449657

Occupations

	From	To
Point ID:	V156	BOUNDARY-37
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\V156061C.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\WID30610.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6148R40057	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.000 m	2.000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 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)
SURVEY OF INDIA (NIDA) --- BOUNDARY-12 (B1)	SURVEY OF INDIA (NIDA)	BOUNDARY-12	Fixed	0.0258	0.0472	92°31'05.4"	59742.8573	-57.3604

Acceptance Summary

Processed	Passed	Flag		Fail	
1	1	0		0	

SURVEY OF INDIA (NIDA) - BOUNDARY-12 (5:31:03 AM-6:16:05 AM) (S1)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-12 (B1)
Processed:	27-Feb-26 4:38:21 AM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0258 m
Vertical precision:	0.0472 m
RMS:	0.0151 m
Maximum PDOP:	1.963
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	26-Feb-26 5:31:10 AM (GPS Time)
Processing stop time:	26-Feb-26 6:16:00 AM (GPS Time)
Processing duration:	00:44:50
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-12				
Grid		Local		Global	
Easting	385759.788 m	Latitude	N16°47'51.37845"	Latitude	N16°47'51.37845"
Northing	1857474.217 m	Longitude	E79°55'40.60734"	Longitude	E79°55'40.60734"
Elevation	84.222 m	Height	3.020 m	Height	3.020 m

Vector					
ΔEasting	59653.1794 m	NS Fwd Azimuth	92°31'05.4"	ΔX	-58579.0764 m
ΔNorthing	-3116.1001 m	Ellipsoid Dist.	59742.8573 m	ΔY	11441.1988 m
ΔElevation	-57.422 m	ΔHeight	-57.3604 m	ΔZ	-2610.0688 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0183 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0180 m
$\sigma \Delta$ Northing	0.0040 m	σ Ellipsoid Dist.	0.0182 m	$\sigma \Delta$ Y	0.0452 m
$\sigma \Delta$ Elevation	0.0472 m	$\sigma \Delta$ Height	0.0472 m	$\sigma \Delta$ Z	0.0147 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003247327		
Y	0.0001364297	0.0020400134	
Z	0.0000561777	0.0006360611	0.0002158466

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-12
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\NIDA057F.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\WID30570.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 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)
SURVEY OF INDIA (NIDA) --- BOUNDARY-09 (B1)	SURVEY OF INDIA (NIDA)	BOUNDARY-09	Fixed	0.0345	0.0438	92°19'25.9"	59639.0951	-57.7895
SURVEY OF INDIA (NIDA) --- BOUNDARY 10 (B2)	SURVEY OF INDIA (NIDA)	BOUNDARY 10	Fixed	0.0219	0.0482	92°20'35.5"	59665.0107	-57.4079
SURVEY OF INDIA (NIDA) --- BOUNDARY-08 (B3)	SURVEY OF INDIA (NIDA)	BOUNDARY-08	Fixed	0.0328	0.0444	92°18'07.2"	59616.7449	-57.6267
SURVEY OF INDIA (NIDA) --- BOUNDARY-11 (B4)	SURVEY OF INDIA (NIDA)	BOUNDARY-11	Fixed	0.0172	0.0492	92°30'12.2"	59638.6868	-58.1756

Acceptance Summary

Processed	Passed	Flag	Fail
4	4	0	0

SURVEY OF INDIA (NIDA) - BOUNDARY-09 (06:46:49-07:32:06) (S1)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-09 (B1)
Processed:	01-03-2026 03:49:18
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0345 m
Vertical precision:	0.0438 m
RMS:	0.0190 m
Maximum PDOP:	1.941
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	27-02-2026 06:46:50 (GPS Time)
Processing stop time:	27-02-2026 07:32:00 (GPS Time)
Processing duration:	00:45:10
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-09				
Grid		Local		Global	
Easting	385666.397 m	Latitude	N16°47'58.10934"	Latitude	N16°47'58.10934"
Northing	1857681.589 m	Longitude	E79°55'37.41480"	Longitude	E79°55'37.41480"
Elevation	83.785 m	Height	2.590 m	Height	2.590 m

Vector					
ΔEasting	59559.7887 m	NS Fwd Azimuth	92°19'25.9"	ΔX	-58496.5299 m
ΔNorthing	-2908.7277 m	Ellipsoid Dist.	59639.0951 m	ΔY	11365.3830 m
ΔElevation	-57.859 m	ΔHeight	-57.7895 m	ΔZ	-2412.1090 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0214 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0200 m
$\sigma \Delta$ Northing	0.0142 m	σ Ellipsoid Dist.	0.0219 m	$\sigma \Delta$ Y	0.0443 m
$\sigma \Delta$ Elevation	0.0438 m	$\sigma \Delta$ Height	0.0438 m	$\sigma \Delta$ Z	0.0147 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0004014484		
Y	-0.0000129321	0.0019620226	
Z	0.0002018421	0.0002484362	0.0002163823

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-09
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\NIDA058A.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\WID30584.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (NIDA) - BOUNDARY-08 (03:51:01-04:36:00) (S3)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-08 (B3)
Processed:	01-03-2026 03:49:21
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0328 m
Vertical precision:	0.0444 m
RMS:	0.0351 m
Maximum PDOP:	1.407
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	27-02-2026 03:51:10 (GPS Time)
Processing stop time:	27-02-2026 04:36:00 (GPS Time)
Processing duration:	00:44:50
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-08				
Grid		Local		Global	
Easting	385645.183 m	Latitude	N16°47'58.87929"	Latitude	N16°47'58.87929"
Northing	1857705.367 m	Longitude	E79°55'36.69383"	Longitude	E79°55'36.69383"
Elevation	83.947 m	Height	2.753 m	Height	2.753 m

Vector					
ΔEasting	59538.5740 m	NS Fwd Azimuth	92°18'07.2"	ΔX	-58476.6800 m
ΔNorthing	-2884.9493 m	Ellipsoid Dist.	59616.7449 m	ΔY	11355.0671 m
ΔElevation	-57.697 m	ΔHeight	-57.6267 m	ΔZ	-2389.4032 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0231 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0241 m
$\sigma \Delta$ Northing	0.0086 m	σ Ellipsoid Dist.	0.0229 m	$\sigma \Delta$ Y	0.0423 m
$\sigma \Delta$ Elevation	0.0444 m	$\sigma \Delta$ Height	0.0444 m	$\sigma \Delta$ Z	0.0143 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0005826775		
Y	0.0002522801	0.0017924904	
Z	0.0000429145	0.0004853968	0.0002052533

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-08
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\NIDA058A.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\WID30581.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (NIDA) - BOUNDARY-11 (02:43:28-03:29:11) (S4)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-11 (B4)
Processed:	01-03-2026 03:49:26
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0172 m
Vertical precision:	0.0492 m
RMS:	0.0315 m
Maximum PDOP:	1.627
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	27-02-2026 02:43:30 (GPS Time)
Processing stop time:	27-02-2026 03:29:10 (GPS Time)
Processing duration:	00:45:40
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-11				
Grid		Local		Global	
Easting	385656.585 m	Latitude	N16°47'52.03725"	Latitude	N16°47'52.03725"
Northing	1857495.023 m	Longitude	E79°55'37.11746"	Longitude	E79°55'37.11746"
Elevation	83.408 m	Height	2.204 m	Height	2.204 m

Vector					
ΔEasting	59549.9765 m	NS Fwd Azimuth	92°30'12.2"	ΔX	-58478.4906 m
ΔNorthing	-3095.2941 m	Ellipsoid Dist.	59638.6868 m	ΔY	11416.5944 m
ΔElevation	-58.236 m	ΔHeight	-58.1756 m	ΔZ	-2590.9164 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0122 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0123 m
$\sigma \Delta$ Northing	0.0027 m	σ Ellipsoid Dist.	0.0122 m	$\sigma \Delta$ Y	0.0471 m
$\sigma \Delta$ Elevation	0.0492 m	$\sigma \Delta$ Height	0.0492 m	$\sigma \Delta$ Z	0.0143 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001522855		
Y	0.0002064891	0.0022217047	
Z	0.0000752284	0.0006599820	0.0002049812

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-11
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\NIDA058A.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\WID30580.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 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)
SURVEY OF INDIA (NIDA) --- BOUNDARY-03 (B1)	SURVEY OF INDIA (NIDA)	BOUNDARY-03	Fixed	0.0276	0.0458	92°14'58.5"	59458.1461	-54.5834
SURVEY OF INDIA (NIDA) --- BOUNDARY-04 (B2)	SURVEY OF INDIA (NIDA)	BOUNDARY-04	Fixed	0.0182	0.0490	92°14'34.3"	59507.8964	-56.1765
SURVEY OF INDIA (NIDA) --- BOUNDARY-05 (B3)	SURVEY OF INDIA (NIDA)	BOUNDARY-05	Fixed	0.0213	0.0482	92°12'53.1"	59521.7628	-56.5991
SURVEY OF INDIA (NIDA) --- BOUNDARY-06 (B4)	SURVEY OF INDIA (NIDA)	BOUNDARY-06	Fixed	0.0154	0.0392	92°12'39.8"	59562.2252	-56.9766
SURVEY OF INDIA (NIDA) --- BOUNDARY-07 (B5)	SURVEY OF INDIA (NIDA)	BOUNDARY-07	Fixed	0.0178	0.0491	92°18'10.6"	59558.8361	-56.8630

Acceptance Summary

Processed	Passed	Flag	Fail
5	5	0	0

SURVEY OF INDIA (NIDA) - BOUNDARY-03 (06:50:20-07:35:20) (S1)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-03 (B1)
Processed:	01-03-2026 04:35:32
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0276 m
Vertical precision:	0.0458 m
RMS:	0.0159 m
Maximum PDOP:	1.918
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	28-02-2026 06:50:20 (GPS Time)
Processing stop time:	28-02-2026 07:35:20 (GPS Time)
Processing duration:	00:45:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-03				
Grid		Local		Global	
Easting	385489.415 m	Latitude	N16°48'00.86963"	Latitude	N16°48'00.86963"
Northing	1857767.383 m	Longitude	E79°55'31.42078"	Longitude	E79°55'31.42078"
Elevation	86.991 m	Height	5.797 m	Height	5.797 m

Vector					
ΔEasting	59382.8067 m	NS Fwd Azimuth	92°14'58.5"	ΔX	-58325.5326 m
ΔNorthing	-2822.9342 m	Ellipsoid Dist.	59458.1461 m	ΔY	11313.2126 m
ΔElevation	-54.653 m	ΔHeight	-54.5834 m	ΔZ	-2329.9500 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0182 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0223 m
$\sigma \Delta$ Northing	0.0123 m	σ Ellipsoid Dist.	0.0179 m	$\sigma \Delta$ Y	0.0433 m
$\sigma \Delta$ Elevation	0.0458 m	$\sigma \Delta$ Height	0.0458 m	$\sigma \Delta$ Z	0.0146 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0004950702		
Y	0.0005841243	0.0018724753	
Z	0.0000475689	0.0003842032	0.0002123607

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-03
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\NIDA059A.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\WID30599.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (NIDA) - BOUNDARY-04 (06:00:04-06:45:10) (S2)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-04 (B2)
Processed:	01-03-2026 04:35:32
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0182 m
Vertical precision:	0.0490 m
RMS:	0.0184 m
Maximum PDOP:	1.660
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	28-02-2026 06:00:10 (GPS Time)
Processing stop time:	28-02-2026 06:45:10 (GPS Time)
Processing duration:	00:45:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-04				
Grid		Local		Global	
Easting	385539.428 m	Latitude	N16°48'01.02815"	Latitude	N16°48'01.02815"
Northing	1857771.984 m	Longitude	E79°55'33.10934"	Longitude	E79°55'33.10934"
Elevation	85.397 m	Height	4.203 m	Height	4.203 m

Vector					
ΔEasting	59432.8196 m	NS Fwd Azimuth	92°14'34.3"	ΔX	-58375.2740 m
ΔNorthing	-2818.3332 m	Ellipsoid Dist.	59507.8964 m	ΔY	11319.0703 m
ΔElevation	-56.247 m	ΔHeight	-56.1765 m	ΔZ	-2325.7454 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0127 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0167 m
$\sigma \Delta$ Northing	0.0043 m	σ Ellipsoid Dist.	0.0128 m	$\sigma \Delta$ Y	0.0452 m
$\sigma \Delta$ Elevation	0.0490 m	$\sigma \Delta$ Height	0.0490 m	$\sigma \Delta$ Z	0.0160 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002782610		
Y	0.0004850487	0.0020449371	
Z	0.0001952213	0.0006933781	0.0002567754

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-04
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\NIDA059A.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\WID30598.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (NIDA) - BOUNDARY-05 (05:08:13-05:53:14) (S3)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-05 (B3)
Processed:	01-03-2026 04:35:31
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0213 m
Vertical precision:	0.0482 m
RMS:	0.0203 m
Maximum PDOP:	2.001
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	28-02-2026 05:08:20 (GPS Time)
Processing stop time:	28-02-2026 05:53:10 (GPS Time)
Processing duration:	00:44:50
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-05				
Grid		Local		Global	
Easting	385554.651 m	Latitude	N16°48'01.95808"	Latitude	N16°48'01.95808"
Northing	1857800.481 m	Longitude	E79°55'33.61833"	Longitude	E79°55'33.61833"
Elevation	84.972 m	Height	3.781 m	Height	3.781 m

Vector					
ΔEasting	59448.0423 m	NS Fwd Azimuth	92°12'53.1"	ΔX	-58391.6294 m
ΔNorthing	-2789.8354 m	Ellipsoid Dist.	59521.7628 m	ΔY	11313.1731 m
ΔElevation	-56.672 m	ΔHeight	-56.5991 m	ΔZ	-2298.5009 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0150 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0175 m
$\sigma \Delta$ Northing	0.0052 m	σ Ellipsoid Dist.	0.0149 m	$\sigma \Delta$ Y	0.0447 m
$\sigma \Delta$ Elevation	0.0482 m	$\sigma \Delta$ Height	0.0482 m	$\sigma \Delta$ Z	0.0166 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0003068336		
Y	0.0003843431	0.0019965935	
Z	0.0001322827	0.0007101679	0.0002768648

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-05
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\NIDA059A.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\WID30597.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (NIDA) - BOUNDARY-06 (04:13:14-05:01:19) (S4)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-06 (B4)
Processed:	01-03-2026 04:35:43
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0154 m
Vertical precision:	0.0392 m
RMS:	0.0206 m
Maximum PDOP:	1.372
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	28-02-2026 04:13:20 (GPS Time)
Processing stop time:	28-02-2026 05:01:10 (GPS Time)
Processing duration:	00:47:50
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	SURVEY OF INDIA (NIDA)				
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:	BOUNDARY-06				
Grid		Local		Global	
Easting	385595.239 m	Latitude	N16°48'02.02829"	Latitude	N16°48'02.02829"
Northing	1857802.419 m	Longitude	E79°55'34.98902"	Longitude	E79°55'34.98902"
Elevation	84.594 m	Height	3.403 m	Height	3.403 m

Vector					
ΔEasting	59488.6305 m	NS Fwd Azimuth	92°12'39.8"	ΔX	-58431.7628 m
ΔNorthing	-2787.8975 m	Ellipsoid Dist.	59562.2252 m	ΔY	11319.3024 m
ΔElevation	-57.050 m	ΔHeight	-56.9766 m	ΔZ	-2296.5439 m

Standard Errors

Vector errors:					
$\sigma \Delta \text{Easting}$	0.0104 m	$\sigma \text{ NS fwd Azimuth}$	0°00'00.0"	$\sigma \Delta X$	0.0096 m
$\sigma \Delta \text{Northing}$	0.0071 m	$\sigma \text{ Ellipsoid Dist.}$	0.0103 m	$\sigma \Delta Y$	0.0367 m
$\sigma \Delta \text{Elevation}$	0.0392 m	$\sigma \Delta \text{Height}$	0.0392 m	$\sigma \Delta Z$	0.0160 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000917836		
Y	0.0000738103	0.0013437346	
Z	0.0000244863	0.0005377446	0.0002567094

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-06
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\NIDA059A.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\WID30596.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

SURVEY OF INDIA (NIDA) - BOUNDARY-07 (02:32:00-03:17:36) (S5)

Baseline observation:	SURVEY OF INDIA (NIDA) --- BOUNDARY-07 (B5)
Processed:	01-03-2026 04:35:43
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0178 m
Vertical precision:	0.0491 m
RMS:	0.0200 m
Maximum PDOP:	1.673
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	28-02-2026 02:32:00 (GPS Time)
Processing stop time:	28-02-2026 03:17:30 (GPS Time)
Processing duration:	00:45:30
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (NIDA)			
Grid		Local		Global	
Easting	326106.609 m	Latitude	N16°49'19.50971"	Latitude	N16°49'19.50971"
Northing	1860590.317 m	Longitude	E79°22'04.96052"	Longitude	E79°22'04.96052"
Elevation	141.644 m	Height	60.380 m	Height	60.380 m

To:		BOUNDARY-07			
Grid		Local		Global	
Easting	385587.308 m	Latitude	N16°47'58.92828"	Latitude	N16°47'58.92828"
Northing	1857707.187 m	Longitude	E79°55'34.73854"	Longitude	E79°55'34.73854"
Elevation	84.712 m	Height	3.517 m	Height	3.517 m

Vector					
ΔEasting	59480.6993 m	NS Fwd Azimuth	92°18'10.6"	ΔX	-58419.6232 m
ΔNorthing	-2883.1303 m	Ellipsoid Dist.	59558.8361 m	ΔY	11345.2316 m
ΔElevation	-56.932 m	ΔHeight	-56.8630 m	ΔZ	-2387.7408 m

Standard Errors

Vector errors:					
σ ΔEasting	0.0126 m	σ NS fwd Azimuth	0°00'00.0"	σ ΔX	0.0136 m
σ ΔNorthing	0.0037 m	σ Ellipsoid Dist.	0.0126 m	σ ΔY	0.0466 m
σ ΔElevation	0.0491 m	σ ΔHeight	0.0491 m	σ ΔZ	0.0150 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001849571		
Y	0.0002589338	0.0021699606	
Z	0.0000941629	0.0006727768	0.0002242384

Occupations

	From	To
Point ID:	SURVEY OF INDIA (NIDA)	BOUNDARY-07
Data file:	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\NIDA059A.26o	C:\Users\DELL\Documents\Trimble Business Center\Unnamed (1)\WID30591.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6118R40011	6435100025
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	35100025
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount