

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)
WANI --- BOUNDARY-A (B2)	WANI	BOUNDARY-A	Fixed	0.0080	0.0498	212°20'35. 8"	26582.386 9	38.0878

Acceptance Summary

Processed	Passed	Flag		Fail	
1	1	0		0	

WANI - BOUNDARY-A (12:17:12 PM-1:01:50 PM) (S2)

Baseline observation:	WANI --- BOUNDARY-A (B2)
Processed:	07-Apr-26 4:54:37 PM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0080 m
Vertical precision:	0.0498 m
RMS:	0.0425 m
Maximum PDOP:	1.012
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	07-Apr-26 12:17:20 PM (Offset from GPS: +5.5hr)
Processing stop time:	07-Apr-26 1:01:50 PM (Offset from GPS: +5.5hr)
Processing duration:	00:44:30
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	WANI				
Grid		Local		Global	
Easting	285443.208 m	Latitude	N20°03'29.51860"	Latitude	N20°03'29.51860"
Northing	2219239.526 m	Longitude	E78°56'54.50198"	Longitude	E78°56'54.50198"
Elevation	219.314 m	Height	151.165 m	Height	151.165 m

To:	BOUNDARY-A				
Grid		Local		Global	
Easting	270945.382 m	Latitude	N19°51'19.00341"	Latitude	N19°51'19.00341"
Northing	2196952.068 m	Longitude	E78°48'45.71537"	Longitude	E78°48'45.71537"
Elevation	258.074 m	Height	189.253 m	Height	189.253 m

Vector					
ΔEasting	-14497.8263 m	NS Fwd Azimuth	212°20'35.8"	ΔX	15431.3856 m
ΔNorthing	-22287.4579 m	Ellipsoid Dist.	26582.3869 m	ΔY	4817.6607 m
ΔElevation	38.761 m	ΔHeight	38.0878 m	ΔZ	-21102.7026 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0056 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0115 m
$\sigma \Delta$ Northing	0.0052 m	σ Ellipsoid Dist.	0.0055 m	$\sigma \Delta$ Y	0.0452 m
$\sigma \Delta$ Elevation	0.0498 m	$\sigma \Delta$ Height	0.0498 m	$\sigma \Delta$ Z	0.0190 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001327751		
Y	0.0004570387	0.0020411881	
Z	0.0001821556	0.0008256626	0.0003620077

Occupations

	From	To
Point ID:	WANI	BOUNDARY-A
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (8)\wani097g45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (8)\55YU0971.t04
Receiver type:	GR50	Catalyst DA2
Receiver serial number:	1832826	6505100104
Antenna type:	AR20 w/LEIM 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)
RAJU --- BOUNDARY-C (B1)	RAJU	BOUNDARY- C	Fixed	0.0170	0.0490	276°33'55. 4"	53867.616 4	43.9747

Acceptance Summary

Processed	Passed	Flag		Fail	
1	1	0		0	

RAJU - BOUNDARY-C (2:54:32 PM-3:39:33 PM) (S1)

Baseline observation:	RAJU --- BOUNDARY-C (B1)
Processed:	07-Apr-26 5:09:12 PM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0170 m
Vertical precision:	0.0490 m
RMS:	0.0386 m
Maximum PDOP:	1.137
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	07-Apr-26 2:54:40 PM (Offset from GPS: +5.5hr)
Processing stop time:	07-Apr-26 3:39:30 PM (Offset from GPS: +5.5hr)
Processing duration:	00:44:50
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	RAJU				
	Grid		Local		Global
Easting	329055.089 m		Latitude	N19°47'08.47175"	N19°47'08.47175"
Northing	2188589.849 m		Longitude	E79°22'05.43952"	E79°22'05.43952"
Elevation	181.317 m		Height	112.050 m	112.050 m

To:	BOUNDARY-C				
	Grid		Local		Global
Easting	275598.129 m		Latitude	N19°50'26.13482"	N19°50'26.13482"
Northing	2195266.086 m		Longitude	E78°51'26.31582"	E78°51'26.31582"
Elevation	224.931 m		Height	156.024 m	156.024 m

Vector					
ΔEasting	-53456.9607 m	NS Fwd Azimuth	276°33'55.4"	ΔX	52179.8320 m
ΔNorthing	6676.2371 m	Ellipsoid Dist.	53867.6164 m	ΔY	-12092.1170 m
ΔElevation	43.615 m	ΔHeight	43.9747 m	ΔZ	5733.4596 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0120 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0133 m
$\sigma \Delta$ Northing	0.0055 m	σ Ellipsoid Dist.	0.0119 m	$\sigma \Delta$ Y	0.0454 m
$\sigma \Delta$ Elevation	0.0490 m	$\sigma \Delta$ Height	0.0490 m	$\sigma \Delta$ Z	0.0183 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001781596		
Y	0.0002689916	0.0020598050	
Z	0.0001110441	0.0007874128	0.0003346469

Occupations

	From	To
Point ID:	RAJU	BOUNDARY-C
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (8)\raju097j15.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (8)\55YU0972.t04
Receiver type:	GR50	Catalyst DA2
Receiver serial number:	1832946	6505100104
Antenna type:	AR20 w/LEIM 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 (WANI) --- BOUNDARY--B (B2)	SURVEY OF INDIA (WANI)	BOUNDARY-- B	Fixed	0.0061	0.0223	204°32'48. 8"	24692.539 3	6.0371

Acceptance Summary

Processed	Passed	Flag		Fail	
1	1	0		0	

SURVEY OF INDIA (WANI) - BOUNDARY--B (10:45:07 AM-11:32:39 AM) (S2)

Baseline observation:	SURVEY OF INDIA (WANI) --- BOUNDARY--B (B2)
Processed:	20-Apr-26 11:26:46 AM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0061 m
Vertical precision:	0.0223 m
RMS:	0.0203 m
Maximum PDOP:	1.067
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	18-Apr-26 10:45:10 AM (Offset from GPS: +5.5hr)
Processing stop time:	18-Apr-26 11:32:30 AM (Offset from GPS: +5.5hr)
Processing duration:	00:47:20
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (WANI)			
Grid		Local		Global	
Easting	285443.208 m	Latitude	N20°03'29.51860"	Latitude	N20°03'29.51860"
Northing	2219239.526 m	Longitude	E78°56'54.50198"	Longitude	E78°56'54.50198"
Elevation	219.314 m	Height	151.165 m	Height	151.165 m

To:		BOUNDARY--B			
Grid		Local		Global	
Easting	274909.100 m	Latitude	N19°51'19.01123"	Latitude	N19°51'19.01123"
Northing	2196901.334 m	Longitude	E78°51'01.92735"	Longitude	E78°51'01.92735"
Elevation	226.053 m	Height	157.202 m	Height	157.202 m

Vector					
ΔEasting	-10534.1081 m	NS Fwd Azimuth	204°32'48.8"	ΔX	11537.3756 m
ΔNorthing	-22338.1919 m	Ellipsoid Dist.	24692.5393 m	ΔY	5555.6521 m
ΔElevation	6.739 m	ΔHeight	6.0371 m	ΔZ	-21113.3624 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0043 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0061 m
$\sigma \Delta$ Northing	0.0038 m	σ Ellipsoid Dist.	0.0039 m	$\sigma \Delta$ Y	0.0206 m
$\sigma \Delta$ Elevation	0.0223 m	$\sigma \Delta$ Height	0.0223 m	$\sigma \Delta$ Z	0.0083 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000372547		
Y	0.0000877788	0.0004227076	
Z	0.0000318210	0.0001500968	0.0000693261

Occupations

	From	To
Point ID:	SURVEY OF INDIA (WANI)	BOUNDARY--B
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (8)\wani108f15.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (8)\55YU1080.t04
Receiver type:	GR50	Catalyst DA2
Receiver serial number:	1832826	6505100104
Antenna type:	AR20 w/LEIM 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 (WANI) --- BOUNDARY-D (B1)	SURVEY OF INDIA (WANI)	BOUNDARY- D	Fixed	0.0134	0.0490	207°54'52. 7"	27347.364 9	20.0364

Acceptance Summary

Processed	Passed	Flag		Fail	
1	1	0		0	

SURVEY OF INDIA (WANI) - BOUNDARY-D (12:15:16 PM-1:02:02 PM) (S1)

Baseline observation:	SURVEY OF INDIA (WANI) --- BOUNDARY-D (B1)
Processed:	16-Apr-26 1:50:52 PM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0134 m
Vertical precision:	0.0490 m
RMS:	0.0281 m
Maximum PDOP:	0.977
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	15-Apr-26 12:15:20 PM (Offset from GPS: +5.5hr)
Processing stop time:	15-Apr-26 1:02:00 PM (Offset from GPS: +5.5hr)
Processing duration:	00:46:40
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (WANI)			
Grid		Local		Global	
Easting	285443.208 m	Latitude	N20°03'29.51860"	Latitude	N20°03'29.51860"
Northing	2219239.526 m	Longitude	E78°56'54.50198"	Longitude	E78°56'54.50198"
Elevation	219.314 m	Height	151.165 m	Height	151.165 m

To:		BOUNDARY-D			
Grid		Local		Global	
Easting	272343.370 m	Latitude	N19°50'23.52630"	Latitude	N19°50'23.52630"
Northing	2195227.478 m	Longitude	E78°49'34.51218"	Longitude	E78°49'34.51218"
Elevation	240.087 m	Height	171.201 m	Height	171.201 m

Vector					
ΔEasting	-13099.8381 m	NS Fwd Azimuth	207°54'52.7"	ΔX	14147.4952 m
ΔNorthing	-24012.0484 m	Ellipsoid Dist.	27347.3649 m	ΔY	5644.5441 m
ΔElevation	20.773 m	ΔHeight	20.0364 m	ΔZ	-22713.4998 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0084 m	σ NS fwd Azimuth	0°00'00.1"	$\sigma \Delta$ X	0.0099 m
$\sigma \Delta$ Northing	0.0082 m	σ Ellipsoid Dist.	0.0093 m	$\sigma \Delta$ Y	0.0448 m
$\sigma \Delta$ Elevation	0.0490 m	$\sigma \Delta$ Height	0.0490 m	$\sigma \Delta$ Z	0.0208 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000985794		
Y	0.0002627254	0.0020043151	
Z	0.0001009391	0.0008562921	0.0004323910

Occupations

	From	To
Point ID:	SURVEY OF INDIA (WANI)	BOUNDARY-D
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (8)\wani105g45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (8)\55YU1050.t04
Receiver type:	GR50	Catalyst DA2
Receiver serial number:	1832826	6505100104
Antenna type:	AR20 w/LEIM 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:	UTM
Size:		Datum:	WGS 1984
Modified:		Zone:	44 North (81E)
Time zone:		Geoid:	EGM96 (Global)
Reference number:		Vertical datum:	
Description:		Calibrated site:	
Comment 1:			
Comment 2:			
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 (WANI) --- MDK-02 (B2)	SURVEY OF INDIA (WANI)	MDK-02	Fixed	0.042	0.090	204°59'41"	25456.825	15.173
SURVEY OF INDIA (WANI) --- MDK-03 (B3)	SURVEY OF INDIA (WANI)	MDK-03	Fixed	0.001	0.000	206°13'57"	25283.223	15.832

Acceptance Summary

Processed	Passed	Flag		Fail	
2	2	0		0	

SURVEY OF INDIA (WANI) - MDK-02 (1:49:50 PM-2:06:00 PM) (S2)

Baseline observation:	SURVEY OF INDIA (WANI) --- MDK-02 (B2)
Processed:	20-Apr-26 12:44:24 PM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.042 m
Vertical precision:	0.090 m
RMS:	0.026 m
Maximum PDOP:	0.888
Ephemeris used:	Broadcast
Antenna model:	NGS Relative
Processing start time:	18-Apr-26 1:49:50 PM (Offset from GPS: +5.5hr)
Processing stop time:	18-Apr-26 2:06:00 PM (Offset from GPS: +5.5hr)
Processing duration:	00:16:10
Processing interval:	1 second
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (WANI)			
Grid		Local		Global	
Easting	285443.208 m	Latitude	N20°03'29.51860"	Latitude	N20°03'29.51860"
Northing	2219239.526 m	Longitude	E78°56'54.50198"	Longitude	E78°56'54.50198"
Elevation	219.314 m	Height	151.165 m	Height	151.165 m

To:		MDK-02			
Grid		Local		Global	
Easting	274403.425 m	Latitude	N19°50'59.10432"	Latitude	N19°50'59.10432"
Northing	2196295.447 m	Longitude	E78°50'44.81858"	Longitude	E78°50'44.81858"
Elevation	235.204 m	Height	166.338 m	Height	166.338 m

Vector					
ΔEasting	-11039.783 m	NS Fwd Azimuth	204°59'41"	ΔX	12067.649 m
ΔNorthing	-22944.080 m	Ellipsoid Dist.	25456.825 m	ΔY	5671.769 m
ΔElevation	15.891 m	ΔHeight	15.173 m	ΔZ	-21686.046 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.017 m	σ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.015 m
$\sigma \Delta$ Northing	0.014 m	σ Ellipsoid Dist.	0.015 m	$\sigma \Delta$ Y	0.044 m
$\sigma \Delta$ Elevation	0.046 m	$\sigma \Delta$ Height	0.046 m	$\sigma \Delta$ Z	0.020 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002401501		
Y	0.0000233080	0.0019625064	
Z	-0.0000044905	0.0006087001	0.0003927175

Occupations

	From	To
Point ID:	SURVEY OF INDIA (WANI)	MDK-02
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed\wani108h15.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed\55YU1081.t04
Receiver type:	GR50	Unknown
Receiver serial number:	1832826	6505100104
Antenna type:	AR20 w/LEIM Dome	Unknown External
Antenna serial number:	-----	-----
Antenna height (measured):	0.000 m	2.000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (WANI)			
Grid		Local		Global	
Easting	285443.208 m	Latitude	N20°03'29.51860"	Latitude	N20°03'29.51860"
Northing	2219239.526 m	Longitude	E78°56'54.50198"	Longitude	E78°56'54.50198"
Elevation	219.314 m	Height	151.165 m	Height	151.165 m

To:		MDK-03			
Grid		Local		Global	
Easting	273988.991 m	Latitude	N19°51'11.89087"	Latitude	N19°51'11.89087"
Northing	2196694.063 m	Longitude	E78°50'30.40415"	Longitude	E78°50'30.40415"
Elevation	235.848 m	Height	166.997 m	Height	166.997 m

Vector					
Δ Easting	-11454.217 m	NS Fwd Azimuth	206°13'57"	Δ X	12453.419 m
Δ Northing	-22545.463 m	Ellipsoid Dist.	25283.223 m	Δ Y	5460.225 m
Δ Elevation	16.534 m	Δ Height	15.832 m	Δ Z	-21315.982 m

Standard Errors

Vector errors:					
σ Δ Easting	0.000 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.000 m
σ Δ Northing	0.000 m	σ Ellipsoid Dist.	0.000 m	σ Δ Y	0.000 m
σ Δ Elevation	0.000 m	σ Δ Height	0.000 m	σ Δ Z	0.000 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000000459		
Y	0.0000000000	0.0000000459	
Z	0.0000000000	0.0000000000	0.0000000459

Occupations

	From	To
Point ID:	SURVEY OF INDIA (WANI)	MDK-03
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed\wani108h15.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed\55YU1081.t04
Receiver type:	GR50	Unknown
Receiver serial number:	1832826	6505100104
Antenna type:	AR20 w/LEIM Dome	Unknown External
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:	UTM
Size:		Datum:	WGS 1984
Modified:		Zone:	44 North (81E)
Time zone:		Geoid:	EGM96 (Global)
Reference number:		Vertical datum:	
Description:		Calibrated site:	
Comment 1:			
Comment 2:			
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 (WANI) --- MDK 01 (B1)	SURVEY OF INDIA (WANI)	MDK 01	Fixed	0.038	0.091	202°58'20"	25854.533	8.204

Acceptance Summary

Processed	Passed	Flag		Fail	
1	1	0		0	

SURVEY OF INDIA (WANI) - MDK 01 (2:03:30 PM-2:20:57 PM) (S1)

Baseline observation:	SURVEY OF INDIA (WANI) --- MDK 01 (B1)
Processed:	20-Apr-26 12:47:50 PM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.038 m
Vertical precision:	0.091 m
RMS:	0.020 m
Maximum PDOP:	0.852
Ephemeris used:	Broadcast
Antenna model:	NGS Relative
Processing start time:	19-Apr-26 2:03:30 PM (Offset from GPS: +5.5hr)
Processing stop time:	19-Apr-26 2:20:57 PM (Offset from GPS: +5.5hr)
Processing duration:	00:17:27
Processing interval:	1 second
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (WANI)			
Grid		Local		Global	
Easting	285443.208 m	Latitude	N20°03'29.51860"	Latitude	N20°03'29.51860"
Northing	2219239.526 m	Longitude	E78°56'54.50198"	Longitude	E78°56'54.50198"
Elevation	219.314 m	Height	151.165 m	Height	151.165 m

To:		MDK 01			
Grid		Local		Global	
Easting	275060.356 m	Latitude	N19°50'35.33256"	Latitude	N19°50'35.33256"
Northing	2195555.847 m	Longitude	E78°51'07.71315"	Longitude	E78°51'07.71315"
Elevation	228.263 m	Height	159.369 m	Height	159.369 m

Vector					
ΔEasting	-10382.852 m	NS Fwd Azimuth	202°58'20"	ΔX	11460.781 m
ΔNorthing	-23683.679 m	Ellipsoid Dist.	25854.533 m	ΔY	6037.668 m
ΔElevation	8.949 m	ΔHeight	8.204 m	ΔZ	-22376.009 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.015 m	σ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.014 m
$\sigma \Delta$ Northing	0.014 m	σ Ellipsoid Dist.	0.015 m	$\sigma \Delta$ Y	0.044 m
$\sigma \Delta$ Elevation	0.046 m	$\sigma \Delta$ Height	0.046 m	$\sigma \Delta$ Z	0.021 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002019512		
Y	0.0001217508	0.0019622964	
Z	0.0000163794	0.0006233426	0.0004254431

Occupations

	From	To
Point ID:	SURVEY OF INDIA (WANI)	MDK 01
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed\wani109i15.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed\55YU1061.t04
Receiver type:	GR50	Unknown
Receiver serial number:	1832826	6505100104
Antenna type:	AR20 w/LEIM Dome	Unknown External
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 (WANI) --- MDK-05 (B1)	SURVEY OF INDIA (WANI)	MDK-05	Fixed	0.040	0.068	207°26'23"	26312.840	44.338
SURVEY OF INDIA (WANI) --- MDK-04 (B2)	SURVEY OF INDIA (WANI)	MDK-04	Fixed	0.024	0.045	209°28'07"	26465.440	54.317

Acceptance Summary

Processed	Passed	Flag		Fail	
2	2	0		0	

SURVEY OF INDIA (WANI) - MDK-05 (08:35:01-08:51:03) (S1)

Baseline observation:	SURVEY OF INDIA (WANI) --- MDK-05 (B1)
Processed:	17-06-2026 10:19:49
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.040 m
Vertical precision:	0.068 m
RMS:	0.035 m
Maximum PDOP:	1.252
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	16-06-2026 08:35:01 (Offset from GPS: +5.5hr)
Processing stop time:	16-06-2026 08:51:03 (Offset from GPS: +5.5hr)
Processing duration:	00:16:02
Processing interval:	1 second
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (WANI)			
Grid		Local		Global	
Easting	285443.208 m	Latitude	N20°03'29.51860"	Latitude	N20°03'29.51860"
Northing	2219239.526 m	Longitude	E78°56'54.50198"	Longitude	E78°56'54.50198"
Elevation	219.314 m	Height	151.165 m	Height	151.165 m

To:		MDK-05			
Grid		Local		Global	
Easting	273030.864 m	Latitude	N19°50'49.97485"	Latitude	N19°50'49.97485"
Northing	2196032.204 m	Longitude	E78°49'57.77636"	Longitude	E78°49'57.77636"
Elevation	264.368 m	Height	195.503 m	Height	195.503 m

Vector					
ΔEasting	-12412.344 m	NS Fwd Azimuth	207°26'23"	ΔX	13434.319 m
ΔNorthing	-23207.322 m	Ellipsoid Dist.	26312.840 m	ΔY	5527.256 m
ΔElevation	45.054 m	ΔHeight	44.338 m	ΔZ	-21940.210 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.015 m	σ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.014 m
$\sigma \Delta$ Northing	0.015 m	σ Ellipsoid Dist.	0.016 m	$\sigma \Delta$ Y	0.032 m
$\sigma \Delta$ Elevation	0.035 m	$\sigma \Delta$ Height	0.035 m	$\sigma \Delta$ Z	0.020 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0002087926		
Y	0.0000693534	0.0010172395	
Z	-0.0000120636	0.0003983661	0.0004062718

Occupations

	From	To
Point ID:	SURVEY OF INDIA (WANI)	MDK-05
Data file:	C:\Users\Survey-3\Documents\Trimble Business Center\Unnamed (2)\wani167d00.26o	C:\Users\Survey-3\Documents\Trimble Business Center\Unnamed (2)\TG3K1670.t04
Receiver type:	GR50	Catalyst DA2
Receiver serial number:	1832826	6441100450
Antenna type:	AR20 w/LEIM Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.000 m	2.000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

SURVEY OF INDIA (WANI) - MDK-04 (09:32:53-09:52:56) (S2)

Baseline observation:	SURVEY OF INDIA (WANI) --- MDK-04 (B2)
Processed:	17-06-2026 10:19:47
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.024 m
Vertical precision:	0.045 m
RMS:	0.026 m
Maximum PDOP:	1.289
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	16-06-2026 09:33:00 (Offset from GPS: +5.5hr)
Processing stop time:	16-06-2026 09:52:50 (Offset from GPS: +5.5hr)
Processing duration:	00:19:50
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:		SURVEY OF INDIA (WANI)			
Grid		Local		Global	
Easting	285443.208 m	Latitude	N20°03'29.51860"	Latitude	N20°03'29.51860"
Northing	2219239.526 m	Longitude	E78°56'54.50198"	Longitude	E78°56'54.50198"
Elevation	219.314 m	Height	151.165 m	Height	151.165 m

To:		MDK-04			
Grid		Local		Global	
Easting	272140.202 m	Latitude	N19°51'00.07083"	Latitude	N19°51'00.07083"
Northing	2196354.230 m	Longitude	E78°49'27.03294"	Longitude	E78°49'27.03294"
Elevation	274.331 m	Height	205.482 m	Height	205.482 m

Vector					
ΔEasting	-13303.006 m	NS Fwd Azimuth	209°28'07"	ΔX	14293.312 m
ΔNorthing	-22885.296 m	Ellipsoid Dist.	26465.440 m	ΔY	5259.730 m
ΔElevation	55.017 m	ΔHeight	54.317 m	ΔZ	-21644.798 m

Standard Errors

Vector errors:					
$\sigma \Delta \text{Easting}$	0.010 m	$\sigma \text{ NS fwd Azimuth}$	0°00'00"	$\sigma \Delta X$	0.009 m
$\sigma \Delta \text{Northing}$	0.008 m	$\sigma \text{ Ellipsoid Dist.}$	0.009 m	$\sigma \Delta Y$	0.022 m
$\sigma \Delta \text{Elevation}$	0.023 m	$\sigma \Delta \text{Height}$	0.023 m	$\sigma \Delta Z$	0.011 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000777760		
Y	0.0000002126	0.0004774915	
Z	-0.0000111480	0.0001562220	0.0001276086

Occupations

	From	To
Point ID:	SURVEY OF INDIA (WANI)	MDK-04
Data file:	C:\Users\Survey-3\Documents\Trimble Business Center\Unnamed (2)\wani167d00.26o	C:\Users\Survey-3\Documents\Trimble Business Center\Unnamed (2)\TG3K0010.t04
Receiver type:	GR50	Catalyst DA2
Receiver serial number:	1832826	6441100450
Antenna type:	AR20 w/LEIM Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.000 m	2.000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount