Survey Report

 Job name
 3615-2-jez_njaz

 Creation date
 9 Jun 2025

VersionTrimble General Survey 3.21

Distance Units
Angle units
Pressure Units
Temperature Units

Meters
Gons
mbar
Celsius

Coordinate system (Job)

System	
Zone	
Datum	

Projection

 Projection
 Transverse Mercator

 Origin lat
 0°00'00.00000"N

 Origin long
 21°00'00.00000"E

 False northing
 0.000

 False easting
 7500000.000

 Scale
 0.99990000

 South azimuth (grid)
 No

Grid coords Increase North-East

Ellipsoid Semi-major axis: 6378137.000 Flattening: 298.25722154

Local site

Туре	Grid
Datum transformation	
Туре	None

Collected Field Data

Projection

 Projection
 Transverse Mercator

 Origin lat
 0°00'00.00000"N

 Origin long
 21°00'00.00000"E

 False northing
 0.000

 False easting
 7500000.000

 Scale
 0.99990000

 Ellipsoid
 Semi-major axis: 6378137.000 Flattening: 298.25722154

Local site

	Туре	Grid
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Datum transformation

Type None

Feature library

Library name
LiBriany File Name
LiRiDON
LiRiDON.fxl
Attribute Support
No

Corrections

South azimuth (grid) No

Grid coords Increase North-East
Magnetic declination 0.0000

Distances Grid
Neighborhood adjustment Off

Rover options

Elevation	13 PDOP mask	6			
mask	15 I DOI IIIask				

Rover options

Elevation mask	13	PDOP mask	6			

Initialization

GPS week	2370	Seconds	144501	type	On the fly	Survey type	Real-time		
GNSS receiver									
Receiver type		R10							
Serial number		5452489155							
Firmware versi	on	4.9							
	on								
Antenna type		R10 Internal							
Measurement n	nethod	Bottom of quick	release						
Tape adjustme	nt	0.000							
Horizontal offs	et	0.000							
Vertical offset		0.199							
701110411 011001		000							
Point	pp1	Y	4407118.713	v	1691914.953	7	4276135.124	Code	
. Oiiit	PPI	Method	Network RTK			Search class	Normal	Oouc	
		Wiethou	Network	туре	торо ропп	Search Class	INOITIAI		
Antenna	2.500	Туре	Uncorrected	Hz Prec	0.024	Vt Prec	0.045		
height									
QC 1		PDOP	2.8	GDOP	3.7	HDOP	1.2	VDOP	2.5
		Base data age	,	Satellites	10	Positions	2		
		base data age		Satemites	10	used	4		
QC 2		VCV xx (m²)	0.000895	VCV xy (m²)	0.000496	VCV xz (m²)	0.000710		
		' ' '		VCV yy (m²)		VCV yz (m²)	0.000477		
				vev yy (iii)	0.000423				
						VCV zz (m²)	0.001306		
Warnings (pp1)	Poor	precision			· · · · · · · · · · · · · · · · · · ·			
,	nt: RTK not initialized	d							
			144519	Initialization	0-4-4		Da al tima		
GPS week	2370	Seconds	144519	type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
		1		Initialization					
GPS week	2370	Seconds		type	On the fly	Survey type	Real-time		
			ļ	31.		l			
Point	pp2	x	4407118.739	Y	1691914.937	7	4276135.106	Code	
. Oiiit	ppz	Method						Oouc	
		Wethod	Network RTK	туре	Topo point	Search class	Normal		
Antenna	2.500	Туре	Uncorrected	Hz Prec	0.028	Vt Prec	0.046		
height									
QC 1		PDOP	2.8	GDOP		HDOP	1.2	VDOP	2.5
		Base data age	1	Satellites	10	Positions	2		
		base data age		Satemites	10	used			
QC 2		VCV xx (m²)	0.000810	VCV xy (m²)	0.000243	VCV xz (m²)	0.000761		
				VCV yy (m²)		VCV yz (m²)	0.000269		
Warnings (pp2)	Poor r	precision			VCV zz (m²)	0.001865		
	,	, ,							
Initialization ever	nt: RTK not initialized	d							
000 1	2070		444500	Initialization	0 " "		5		
GPS week	2370	Seconds	144566	type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2370	Seconds	144613	Initialization	On the fly	Survey type	Real-time		
OI 5 WEEK	2570	Jeconus	144013	type	On the hy	Survey type	Tteal-time		
Initialization ever	nt: RTK not initialized	d							
one :	==		=	Initialization	<u> </u>	· · · ·			
GPS week	2370	Seconds	144616	type	On the fly	Survey type	Real-time		
Survey event									
C		[Food #							1
Survey event		End survey							
Rover options									
Elevation	40	PDOP mask	6						
mask	13	PDOP IIIask	0						
Rover options									
Elevation	40	PDOP mask	6						
mask	13	. DOF IIIdSK				<u> </u>			
Survey event									
Survey event		Rover started							
Note		VRS base: 42°2	1'45.33780", 21°00'0	06.54900". 1039	.380m				
		2000. 12 2	, 21 000						

Initialization event: RTK initialized

GPS week	2370	Seconds	144755	Initialization type	On the fly	Survey type	Real-time		
				,					
Initialization event	t: RTK not initialized	d 							
GPS week	2370	Seconds	144768	Initialization type	On the fly	Survey type	Real-time		
Initialization even	t: RTK initialized								
GPS week		Seconds	144781	Initialization	On the flu	Survey type	Doel time		
GPS week	2370	Seconds	144701	type	On the lly	Survey type	Real-time		
GNSS receiver									
Receiver type Serial number		R10 5452489155							
Firmware version	on	4.9							
Antenna type		R10 Internal							
Measurement m	ethod	Bottom of quick re	elease						
Tape adjustmen	t	0.000							
Horizontal offse	t	0.000							
Vertical offset		0.199							
Point	pp3	v	4407121.379	v	1691893.844	7	4276146.302	Codo	
Point	ррэ	Method	Network RTK			Search class	4276146.302 Normal	Code	
Antenna									
height	2.500	Туре	Uncorrected	Hz Prec	0.010	Vt Prec	0.019		
QC 1		PDOP	3.6	GDOP		HDOP	1.2	VDOP	3.4
		Base data age	2	Satellites	9	Positions	5		
000		-				usea			
QC 2		VCV xx (m²)	0.000185	VCV xy (m²) VCV yy (m²)	1	VCV xz (m²) VCV yz (m²)	0.000126 0.000062		
				vev yy (iii)	0.000044	VCV yz (m²)	0.00002		
Initialization event	t: RTK not initialize			<u>I</u>	J	100 == ()	0.0002.0	<u>I</u>	
				Initialization	1	1			
GPS week	2370	Seconds	144815	type	On the fly	Survey type	Real-time		
Initialization event	t: RTK initialized								
				Initialization	1		1		
GPS week	2370	Seconds	144823	type	On the fly	Survey type	Real-time		
Initialization event	t: RTK not initialize	d							
GPS week	2370	Seconds	144848	Initialization	On the fly	Survey type	Real-time		
				type					
Initialization event	t: RTK initialized								
GPS week	2370	Seconds	144850	Initialization type	On the fly	Survey type	Real-time		
Point	pp4	x	4407108.797	Υ	1691906.901	z	4276145.350	Code	
	ρφ.	Method	Network RTK		1	Search class	Normal		
Antenna	2 500	Туре	Uncorrected			Vt Prec	0.018		
height	2.000								
QC 1		PDOP	4.0	GDOP		HDOP	1.4	VDOP	3.8
		Base data age	2	Satellites	8	Positions used	5		
QC 2		VCV xx (m²)	0.000173	VCV xy (m²)	0.000062	VCV xz (m²)	0.000119		
				VCV yy (m²)	0.000042	VCV yz (m²)	0.000059		
Survey event						VCV zz (m²)	0.000191		
Survey event		End survey							
carroy crom									
Instrument									<u></u>
Instrument type		Trimble VX/S Ser	ries						
EDM Refractive		274.1							
EDM Carrier Wa	-	79.3							
Horizontal Angle		Set to azimuth							
Horizontal Angle		0.0009							
Vertical Angle P EDM precision	IECISION	3mm +2ppm							
EDM precision		0mm							
Backsight cente	ering error	0.003							
		1							

Made!		S6 3 DR 300+							
Model		92721070							
Serial number Firmware version	n.	R12.5.54							
lorizontal colli		-0.0007							
/ertical collima		0.0001							
runnion axis t	ilt correction	-0.0017							
tmosphere		-							
Pressure	910.00mbar	Temperature	19.0°C		27.1				
Curvature correction	Yes	Refraction correction	Yes	Refraction const.	0.142				
tation setup									
itation	fs1	Instrument height	0.000	Station type	Resection (Standard)	Scale factor	1.00000000	Std Error	?
rientation						,			
1	f-4	Backsight	0	F1 Orientation	0.0000	F2 Orientation		O-i4 O44 F	0.0055
Station	fs1	point	pp2	correction	0.0000	correction		Orient. Std Err	0.0655
Point (B.S.)	pp2	НА	306.5414		85.2091		30.165	Code	
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Point (B.S.)	pp3	HA	318.2866		86.9879		53.084	Code	
Std Errors		HA Prism	0.0009	VA	0.0009	รบ	0.003		
arget height	1.400	constant	2.0mm						
Point (B.S.) Std Errors	pp4	HA HA	332.8757 0.0009		91.8362 0.0009		38.420 0.003	Code	
arget height	1.400	Prism constant	2.0mm		2.3000		3.550		
			100110000	Fast	7500197 714	Elevation	1025.289	Code	
Point	fs1	North	4691426.338	Lust	7000137.714		.020.200	Jour	
Resection esiduals (Statio	fs1 n)	Std Error (N)	0.040	Std Error (E)	-0.001		0.018	Used for	Horizontal+Vertical
Resection lesiduals (Statio	fs1 n) pp2	Std Error (N) ΔN ΔHA	0.040 0.016 0.0354	Std Error (E) ΔΕ ΔVA	-0.001 -0.0501	ΔElev ΔSD	0.018 0.025 0.008	Used for	
Resection esiduals (Statio	fs1 n) pp2	Std Error (N)	0.040	Std Error (E) ΔΕ ΔVA ΔΕ	-0.001 -0.0501	ΔΕlev ΔSD	0.018 0.025 0.008	Used for	Horizontal+Vertical
Resection esiduals (Statio	fs1 n) pp2 pp3	Std Error (N) ΔN ΔHA ΔN ΔHA	0.040 0.016 0.0354 0.005 0.0098	ΔΕ ΔVA ΔΕ ΔVA	-0.001 -0.0501 0.011 0.0277	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD	0.018 0.025 0.008 -0.026 -0.015	Used for Used for Used for	
Resection esiduals (Statio	fs1 n) pp2 pp3	Std Error (N) ΔN ΔHA ΔHA	0.040 0.016 0.0354 0.005 0.0098	ΔΕ ΔVA ΔΕ ΔVA	-0.001 -0.0501 0.011 0.0277	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD	0.018 0.025 0.008 -0.026 -0.015	Used for Used for Used for	Horizontal+Vertical
Resection residuals (Station Point Point Point Point	fs1 n) pp2 pp3	ΔN ΔHA ΔN ΔHA ΔN ΔHA ΔN ΔHA	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA	-0.001 -0.0501 0.011 0.0277 -0.003 0.0416	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013	Used for Used for	Horizontal+Vertical
Resection esiduals (Statio	fs1 n) pp2 pp3	ΔN ΔHA ΔN ΔHA ΔN ΔHA ΔHA ΔN ΔHA	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA	-0.001 -0.0501 0.011 0.0277 -0.003 0.0416	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013	Used for Used for	Horizontal+Vertical Horizontal+Vertical
Resection esiduals (Statio Point Point Point Point Std Errors	fs1 n) pp2 pp3	ΔN ΔHA ΔN ΔHA ΔN ΔHA ΔN ΔHA	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA	-0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΣΕΙΕΥ ΔSD SD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003	Used for Used for Code	Horizontal+Vertical Horizontal+Vertical
Point Resection Residuals (Station Point Point Point Std Errors Farget height Std Errors	fs1 n) pp2 pp3 pp4 001 1.400	ΔN ΔHA ΔN ΔHA ΔHA HA HA Prism constant HA	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA VA VA	-0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD SD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003	Used for Used for Code	Horizontal+Vertical Horizontal+Vertical
Resection Point Point Point Point Farget height	fs1 n) pp2 pp3 pp4 001 1.400	ΔN ΔHA ΔN ΔHA ΔN ΔHA HA HA Prism constant HA HA Prism	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA VA VA	-0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD SD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003	Used for Used for Code	Horizontal+Vertical Horizontal+Vertical ruga
Resection esiduals (Statio Point Point Coint	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000	ΔN ΔHA ΔN ΔHA ΔN ΔHA HA HA Prism constant HA Prism constant	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 341.4193 0.0009	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA VA VA VA VA	0.019 -0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009 94.9922 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD SD SD SD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003	Used for Used for Code	Horizontal+Vertical Horizontal+Vertical ruga
esiduals (Station coint	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000	ΔN ΔHA ΔN ΔHA ΔN ΔHA HA HA Prism constant HA HA Prism constant HA HA Prism	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 341.4193 0.0009 2.0mm 307.9034 0.0009	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA VA VA VA VA	-0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD SD SD SD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003	Used for Used for Code	Horizontal+Vertical Horizontal+Vertical ruga
esiduals (Station Point	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000 003	ΔN ΔHA ΔN ΔHA ΔHA HA HA Prism constant HA HA Prism constant HA HA Prism constant	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 341.4193 0.0009 2.0mm 307.9034 0.0009 2.0mm	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA VA VA VA VA VA VA VA	0.019 -0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009 94.9922 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003 20.645 0.003	Used for Used for Code Code	Horizontal+Vertical Horizontal+Vertical ruga ruga
esiduals (Station coint	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000 003	ΔN ΔHA ΔN ΔHA ΔN ΔHA HA HA Prism constant HA HA Prism constant HA HA Prism	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 341.4193 0.0009 2.0mm 307.9034 0.0009	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA VA VA VA VA VA VA VA	0.019 -0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009 94.9922 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD SD SD SD SD SD SD SD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003 20.645 0.003	Used for Used for Code Code	Horizontal+Vertical Horizontal+Vertical ruga
esiduals (Statio roint	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000 003	ΔN ΔHA ΔN ΔHA ΔN ΔHA ΔHA HA HA Prism constant HA HA Prism constant HA HA Prism constant	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 341.4193 0.0009 2.0mm 307.9034 0.0009 2.0mm 336.5044	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA VA VA VA VA VA VA VA	0.019 -0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009 94.9922 0.0009 91.1379 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD SD SD SD SD SD SD SD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003 20.645 0.003 9.155 0.003	Used for Used for Code Code	Horizontal+Vertical Horizontal+Vertical ruga ruga
esection esiduals (Statio oint oint oint oint td Errors arget height oint	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000 003 2.000 004 2.000	ΔN ΔHA ΔN ΔHA ΔHA HA HA Prism constant HA HA Prism constant HA HA Prism constant HA HA Prism constant HA HA HA Prism constant	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 341.4193 0.0009 2.0mm 307.9034 0.0009 2.0mm 336.5044 0.0009 2.0mm	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA VA	0.019 -0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009 94.9922 0.0009 91.1379 0.0009 92.8374 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003 20.645 0.003 9.155 0.003 8.964 0.003	Used for Used for Used for Code Code Code	Horizontal+Vertical Horizontal+Vertical ruga ruga ruga
esection esiduals (Statio oint oint oint oint td Errors arget height oint td Errors	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000 003 2.000 004 2.000	ΔN ΔHA ΔN ΔHA ΔN ΔHA HA HA Prism constant	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 341.4193 0.0009 2.0mm 307.9034 0.0009 2.0mm 336.5044 0.0009 2.0mm	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA VA	0.019 -0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009 94.9922 0.0009 91.1379 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003 20.645 0.003 9.155 0.003	Used for Used for Used for Code Code Code	Horizontal+Vertical Horizontal+Vertical ruga ruga ruga
esection esiduals (Statio oint oint oint oint td Errors arget height	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000 003 2.000 004 2.000 005 2.000	ΔN ΔHA ΔN ΔHA ΔN ΔHA AHA HA HA Prism constant HA HA Prism constant HA HA Prism constant HA HA Prism constant	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 341.4193 0.0009 2.0mm 336.5044 0.0009 2.0mm 214.3570 0.0009	ΔΕ ΔVA ΔΕ ΔVA VA	0.019 -0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009 94.9922 0.0009 91.1379 0.0009 92.8374 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003 20.645 0.003 9.155 0.003 8.964 0.003 4.315 0.003	Used for Used for Used for Code Code Code	Horizontal+Vertical Horizontal+Vertical ruga ruga
esection esiduals (Statio oint oint oint oint td Errors arget height	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000 003 2.000 004 2.000 005 2.000	Std Error (N) ΔN ΔHA ΔN ΔHA AHA HA Prism constant HA HA Prism constant	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 341.4193 0.0009 2.0mm 307.9034 0.0009 2.0mm 336.5044 0.0009 2.0mm 214.3570 0.0009 2.0mm	ΔΕ ΔVA ΔΕ ΔVA VA	0.019 -0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009 94.9922 0.0009 91.1379 0.0009 92.8374 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003 20.645 0.003 9.155 0.003 8.964 0.003 4.315 0.003	Used for Used for Code Code Code	Horizontal+Vertical Horizontal+Vertical ruga ruga ruga
esection esiduals (Statio oint oint oint oint td Errors arget height oint td Errors	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000 003 2.000 004 2.000 005 2.000	Std Error (N) ΔN ΔHA ΔN ΔHA AHA HA Prism constant HA HA Prism constant	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 341.4193 0.0009 2.0mm 307.9034 0.0009 2.0mm 236.5044 0.0009 2.0mm 214.3570 0.0009 2.0mm	ΔΕ ΔVA ΔΕ ΔVA VA	0.019 -0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009 94.9922 0.0009 91.1379 0.0009 92.8374 0.0009 95.4640 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003 20.645 0.003 9.155 0.003 8.964 0.003 4.315 0.003	Used for Used for Code Code Code	Horizontal+Vertical Horizontal+Vertical ruga ruga ruga
esection esiduals (Statio oint oint oint oint td Errors arget height oint	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000 003 2.000 004 2.000 005 2.000 006 2.000	Std Error (N) ΔN ΔHA ΔN ΔHA HA HA Prism constant	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 341.4193 0.0009 2.0mm 336.5044 0.0009 2.0mm 214.3570 0.0009 2.0mm 111.4240 0.0009 2.0mm	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA VA VA VA VA	0.019 -0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009 94.9922 0.0009 91.1379 0.0009 92.8374 0.0009 95.4640 0.0009 97.9630 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003 20.645 0.003 9.155 0.003 4.315 0.003 1.818 0.003	Used for Used for Used for Code Code Code Code	Horizontal+Vertical Horizontal+Vertical ruga ruga ruga ruga
esection esiduals (Statio oint oint oint oint td Errors arget height oint	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000 003 2.000 004 2.000 005 2.000 006 2.000	Std Error (N) ΔN ΔHA ΔN ΔHA HA HA Prism constant HA HA Prism constant	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 307.9034 0.0009 2.0mm 336.5044 0.0009 2.0mm 214.3570 0.0009 2.0mm 111.4240 0.0009 2.0mm	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA VA VA VA VA	0.019 -0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009 94.9922 0.0009 91.1379 0.0009 92.8374 0.0009 95.4640 0.0009 97.9630 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003 20.645 0.003 9.155 0.003 4.315 0.003	Used for Used for Used for Code Code Code Code	Horizontal+Vertical Horizontal+Vertical ruga ruga ruga ruga
esection esiduals (Statio oint oint oint oint td Errors arget height	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000 003 2.000 004 2.000 005 2.000 006 2.000	Std Error (N) ΔN ΔHA ΔN ΔHA HA HA Prism constant	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 307.9034 0.0009 2.0mm 214.3570 0.0009 2.0mm 111.4240 0.0009 2.0mm 171.8342 0.0009 2.0mm	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA VA	9.0019 -0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009 94.9922 0.0009 91.1379 0.0009 92.8374 0.0009 95.4640 0.0009 97.9630 0.0009 103.0730 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003 20.645 0.003 9.155 0.003 4.315 0.003 1.818 0.003	Used for Used for Used for Code Code Code Code	Horizontal+Vertical Horizontal+Vertical ruga ruga ruga ruga
esection esiduals (Statio oint oint oint oint td Errors arget height oint td Errors	fs1 n) pp2 pp3 pp4 001 1.400 002 2.000 003 2.000 005 2.000 006 2.000 007 2.000	Std Error (N) ΔN ΔHA ΔN ΔHA AHA HA HA Prism constant	0.040 0.016 0.0354 0.005 0.0098 -0.025 -0.0390 332.2851 0.0009 2.0mm 341.4193 0.0009 2.0mm 336.5044 0.0009 2.0mm 214.3570 0.0009 2.0mm 111.4240 0.0009 2.0mm	ΔΕ ΔVA ΔΕ ΔVA ΔΕ ΔVA VA	0.019 -0.001 -0.0501 0.011 0.0277 -0.003 0.0416 96.4743 0.0009 94.9922 0.0009 91.1379 0.0009 92.8374 0.0009 95.4640 0.0009 97.9630 0.0009	ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD ΔΕΙΕΥ ΔSD SD	0.018 0.025 0.008 -0.026 -0.015 -0.027 -0.013 22.847 0.003 20.645 0.003 9.155 0.003 4.315 0.003 1.818 0.003	Used for Used for Used for Code Code Code Code Code	Horizontal+Vertical Horizontal+Vertical ruga ruga ruga

Target height	2.000	constant	2.0mm						
Point	009	НА	133.5534	VA	113.2819	SD	21.230	Code	ruga
Std Errors		на	0.0009	VA	0.0009	SD	0.003		
Target height	2.000	Prism constant	2.0mm						
Point	010	НА	120.5180	VA	113.9547	SD	20.718	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	2.000	Prism constant	2.0mm						
Point	011		132.1153		114.0187		32.036	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	2.000	Prism constant	2.0mm						
Point	012		123.0950		113.9982		31.214	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	2.000	Prism constant	2.0mm						
Point	013		127.0515		114.6280		41.089	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.600	Prism constant	2.0mm						
Point	014		128.7457		113.8107		55.926	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.600	Prism constant	2.0mm						
Point	015		131.0659		112.6660		65.638	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.600	Prism constant	2.0mm						
Point	ps1	HA	130.0863		113.2351		78.825	Code	
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.600	Prism constant	2.0mm						
Point	016		130.6346		113.1799		78.846	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.600	Prism constant	2.0mm						
Point	017		127.9249		113.0392		78.880	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.600	constant	2.0mm						
Point	ps2	НА	132.0123		114.4796		48.222	Code	
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.800	Prism constant	2.0mm						

Instrument

Instrument type Trimble VX/S Series EDM Refractive Index 274.1 EDM Carrier Wavelength 79.3 Horizontal circle mode Set to azimuth 0.0009 Horizontal Angle Precision Vertical Angle Precision 0.0009 EDM precision 3mm +2ppm EDM constant 0mm 0.003 Backsight centering error

Instrument details

 Model
 S6 3 DR 300+

 Serial number
 92721070

 Firmware version
 R12.5.54

 Horizontal collimation
 -0.0007

 Vertical collimation
 0.0001

 Trunnion axis tilt correction
 -0.0017

Atmosphere

Pressure	911.80mbar Temperature	19.0°C ppm	26.6	
Curvature correction	Yes Refraction correction	Yes Refraction const.	0.142	

Station setup

Station	fs2 Instrument height	0.000 Station type	Resection (Standard)	1.00000000 Std Error	?
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Orientation

	Backsight	F1 Orientation	F2 Orientation		

Station	fs2	point	ps1	correction	0.0000	correction	?	Orient. Std Err	0.0072
Point (B.S.)	ps1	HA	149.5131	VA	119.2183	SD	10.338	Code	
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Point (B.S.)	ps2	НА	316.8209	VA	93.6473	SD	21.312	Code	
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Point	fs2	North	4691398.164	East	7500259.339	Elevation	1011.893	Code	
Resection	fs2	Std Error (N)	0.002	Std Error (E)	0.002	Std Error (EI)	0.001		

Residuals (Station)

		1	I	1		1			1
Point	ps1	ΔΝ ΔΗΑ	-0.001 -0.0027	1	0.002 -0.0087	ΔElev ΔSD	0.001 0.002	Used for	Horizontal+Vertica
Point	ps2	ΔΝ ΔΗΑ	0.001 0.0006	1	-0.002 0.0031	ΔElev ΔSD	-0.001 0.002	Used for	Horizontal+Vertica
Point	018	НА	318.5963	VA	91.4035	SD	28.817	Code	ruga
Std Errors		HA	0.0009	VA	0.0009		0.003		
Target height	1.400	Prism constant	2.0mm						
Point Std Errors		HA HA	314.7440 0.0009		92.7969 0.0009		24.904 0.003	Code	ruga
Target height	1.400	Prism constant	2.0mm						
Point	020		325.0060		92.9031		22.887	Code	rug
Std Errors		HA Prism	0.0009		0.0009	SD	0.003		
Target height	1.400	constant	2.0mm						
Point Std Errors	021	HA HA	305.9464 0.0009		94.4067 0.0009		15.821 0.003	Code	ruga
Target height	1.400	Prism	2.0mm		0.0003		0.000		
Point		constant	322.0176		94.8197	SD	13.946	Code	ruga
Std Errors	UZZ	HA	0.0009		0.0009		0.003	3000	l
Target height	1.400	Prism constant	2.0mm						
Point	023		272.9430	VA	98.4257	SD	4.734	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Point	024	HA	330.0397		94.0295			Code	ruga
Std Errors	4 400	HA Prism	0.0009		0.0009	SD	0.003		
Target height	1.400	constant	2.0mm						
Point Std Errors	025	HA HA	154.0462 0.0009		118.3495 0.0009		10.283	Code	ruga
Target height	1.400	Prism	2.0mm						
Point		constant	129.8091		118.9881	SD	10.350	Code	ruga
Std Errors		на	0.0009		0.0009		0.003		
Target height	1.400	Prism constant	2.0mm						
Point	027	НА	149.3661		118.7260		19.733		ruga
Std Errors		HA Prism	0.0009		0.0009	SD	0.003		
Target height		Prism constant	2.0mm						
Point Std Errors	028	HA HA	135.6664 0.0009		117.6199 0.0009		20.444	Code	ruga
Target height	1.400	Prism	2.0mm		0.0003		0.000		
Point	029	constant	150.0995		118.9134	SD	21.551	Code	ruga
Std Errors	023	HA	0.0009		0.0009		0.003	Code	luge
Target height	1.400	Prism constant	2.0mm						
Point	030	НА	137.4348	VA	117.7158	SD	23.204	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Point	031	HA	146.4230		117.3695		28.613	l .	ruga
Std Errors	4.400	HA Prism constant	0.0009		0.0009	סט	0.003		
Target height		- Constant	2.0mm			00	05:		
Point Std Errors	032	HA HA	153.2845 0.0009		116.0057 0.0009		25.157 0.003	Code	ruga
Target height	2.500	Prism	2.0mm		3.2300				
J	300	constant					-		

Point	ps3	НА	151.4561	VA	117.1840	SD	32.866	Code	
Std Errors		НА	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Instrument									
Instrument type	e	Trimble VX/S S	eries						
EDM Refractive		274.1							
EDM Carrier Wa	•	79.3							
Horizontal circl		Set to azimuth 0.0009							
Horizontal Ang Vertical Angle I		0.0009							
EDM precision	1 100101011	3mm +2ppm							
EDM constant		0mm							
Backsight cent	ering error	0.003							
Instrument detail	ls								
Model		S6 3 DR 300+							
Serial number		92721070							
Firmware version		R12.5.54							
Horizontal colli		-0.0007							
Vertical collima Trunnion axis t		0.0001 -0.0017							
		1 0.0011							
Atmosphere									
Pressure	913.00mbar	Temperature	19.0°C		26.3				
Curvature correction	Yes	Refraction correction	Yes	Refraction const.	0.142				
Station setup									
Station	fs3	Instrument height	0.000	Station type	Resection (Standard)	Scale factor	1.00000000	Std Error	?
Orientation									
Station	fs3	Backsight point	ps1	F1 Orientation correction	0.0000	F2 Orientation correction	?	Orient. Std Err	0.0232
Point (B.S.)	ps1	НА	328.0899	VA	85.8350	SD	12.018	Code	
Std Errors		на	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Point (B.S.)	ps3	НА	176.5184	VA	115.9699	SD	12.132	Code	
Std Errors		на	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Point	fs3	North	4691386.228	East	7500276.976	Elevation	1006.153	Code	
Resection		Std Error (N)		Std Error (E)		Std Error (EI)	0.013		
Residuals (Statio	on)								
Point		AN	0.003	AE	0.004	A Elov	0.040	Used for	Horizontal+Vertical
Point	ps1	ΔΝ ΔΗΑ	0.003		-0.004 -0.0627	ΔElev	0.013		⊓orizontai+vertical
					-0.0627				
Point	ps3		-0.004			ΔElev		Used for	Horizontal+Vertical
	<u> </u>	ΔΗΑ	-0.0056	ΔVΑ	0.0610	ΔSD	0.008		
Point	033	НА	212.9463	VA	115.9395	SD	6.675	Code	ruga
Std Errors		на	0.0009		0.0009		0.003		
Target height	1.400	Prism constant	2.0mm						
Point	034		209.3394	VA	116.3704	SD	7.916	Code	ruga
Std Errors		на	0.0009		0.0009		0.003		
Target height		Prism constant	2.0mm						
Point Std Errors	035	HA HA	171.9105		119.1936		6.549	Code	ruga
		Prism constant	0.0009		0.0009	30	0.003		
Target height			2.0mm						
Point Std Errors	036	HA HA	207.1296 0.0009		113.1571 0.0009		10.489 0.003		ruga
Target height	1.400	Prism constant	2.0mm						
Point	037		200.5313	VA	111.6321	SD	15.873	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		-
Target height	1.700	constant	2.0mm						
Point	038	НА	199.1007	VA	110.2665	SD	23.406	Code	ruga

Std Errors		НА	0.0009	VA	0.0009	SD	0.003		
Target height	1.700	Prism constant	2.0mm						
Point	039	НА	196.2704	VA	110.2303	SD	27.166	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.700	Prism constant	2.0mm						
Point	040	НА	188.0119	VA	110.8974	SD	29.232	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.700	Prism constant	2.0mm						
Point	041	HA	183.7267	VA	111.6002	SD	31.015	Code	ruga
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Point	ps4	HA	210.8710	VA	109.8098	SD	18.454	Code	
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Point	ps5	НА	353.1519	VA	86.8379	SD	6.622	Code	
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height		Prism constant	2.0mm						

Instrument

Instrument type Trimble VX/S Series EDM Refractive Index 274.1 EDM Carrier Wavelength 79.3 Horizontal circle mode Set to azimuth Horizontal Angle Precision 0.0009 Vertical Angle Precision 0.0009 EDM precision 3mm +2ppm EDM constant 0mm 0.003 Backsight centering error

Instrument details

 Model
 S6 3 DR 300+

 Serial number
 92721070

 Firmware version
 R12.5.54

 Horizontal collimation
 -0.0007

 Vertical collimation
 0.0001

 Trunnion axis tilt correction
 -0.0017

Atmosphere

Pressure	913.40mbar Temperature	19.0°C ppm	26.2		
Curvature correction	Yes Refraction correction	Yes Refraction const.	0.142		

Station setup

Station fs4 institution 0.000 Station type Nestection Scale factor 1.00000000 Std Error Standard St		fs4 Instrument	0.000 0.000 1,000	Resection (Standard)	1.00000000	Std Error	?
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Orientation

Station	194	Backsight point	ps5	F1 Orientation correction	0.0000	F2 Orientation correction	?	Orient. Std Err	0.0130
Point (B.S.)	ne5	НА	377.4846	VΔ	88.4096	SD	36.113	Code	
Std Errors	p 30	HA	0.0009		0.0009	_	0.003		
Target height	1.400	Prism constant	2.0mm						
Point (B.S.)	ps4	НА	348.4964	VA	90.2986	SD	15.445	Code	
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Point	fs4	North	4691357.723	East	7500284.924	Elevation	1000.975	Code	
Resection	fs4	Std Error (N)	0.003	Std Error (E)	0.005	Std Error (EI)	0.001		

Residuals (Station)

Point	ps5	ΔΝ	-0.003	ΔΕ	0.001	ΔElev	-0.001	Used for	Horizontal+Vertical
		ΔΗΑ	-0.0009	ΔVΑ	0.0010	ΔSD	-0.003		
Point	ps4	ΔΝ	0.002	ΔΕ	-0.001	ΔElev	0.001	Used for	Horizontal+Vertical
		ΔΗΑ	0.0046	ΔVΑ	-0.0018	ΔSD	0.002		

Point	042 H	A	386.9046	VA	98.2723	SD	6.778	Code	ruga

Std Errors		НА	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Point	043	НА	395.8974		104.3206		5.808	Code	ruga
Std Errors	1.400	HA Prism	0.0009 2.0mm		0.0009	SD	0.003		
Target height Point	044	constant	8.0422		107.5996	SD	6.094	Code	ruga
Std Errors		НА	0.0009		0.0009		0.003	Code	ruga
Target height	1.400	Prism constant	2.0mm						
Point Std Errors	045	HA HA	13.6605 0.0009	1	108.8080 0.0009		6.667 0.003	Code	ruga
Target height	1.400	Prism	2.0mm		0.0009	30	0.003		
Point	046	constant HA	21.1264		109.9077	SD	9.212	Code	ruga
Std Errors		HA Prism	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	constant	2.0mm						
Point Std Errors	047	HA HA	90.6518 0.0009		114.0526 0.0009		3.972 0.003	Code	ruga
Target height	1.400	Prism constant	2.0mm						
Point	048	НА	81.5244		113.1811			Code	ruga
Std Errors	1.400	HA Prism	0.0009		0.0009	SD	0.003		
Target height Point	049	constant	2.0mm 67.9626		111.6195	en.	10.564	Code	nua
Std Errors	049	HA	0.0009		0.0009		0.003	Code	ruga
Target height	1.400	Prism constant	2.0mm						
Point	050	HA HA	57.4694		110.3376		13.642	Code	ruga
Std Errors Target height	1.400	Prism	0.0009 2.0mm		0.0009	סס	0.003		
Point	051	constant HA	50.2693		111.6847	SD	15.690	Code	ruga
Std Errors		НА	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Point Std Errors	052	HA HA	46.7631 0.0009		110.7842 0.0009		16.446 0.003	Code	ruga
Target height	1.400	Prism constant	2.0mm						
Point	053		25.8432	VA	112.7567	SD	13.205		ruga
Std Errors	4 400	HA Prism	0.0009		0.0009	SD	0.003		
Target height Point	1.400	constant	2.0mm 32.6370		111.0786	en	21.679	Codo	rugo
Std Errors	054	HA	0.0009		0.0009		0.003	Code	ruga
Target height	1.400	Prism constant	2.0mm						
Point Std Errors	055	HA HA	29.7931 0.0009		110.8833 0.0009		24.283 0.003		ruga
Target height	1.400	Prism	2.0mm		0.0009	30	0.003		
Point	056		31.4770		108.1838	SD	27.643	Code	ruga
Std Errors		HA Prism	0.0009	VA	0.0009	SD	0.003		
Target height	2.500	constant	2.0mm						
Point Std Errors	057	HA HA	32.9111 0.0009		108.1143 0.0009		28.585 0.003		ruga
Target height	2.500	Prism constant	2.0mm						
Point	058		37.6922		107.5430		30.850	Code	ruga
Std Errors	2.500	HA Prism	0.0009 2.0mm		0.0009	SD	0.003		
Target height Point	059	constant	40.5943		106.7092	SD	31.575	Code	ruga
Std Errors		на	0.0009		0.0009		0.003	Code	Tuga
Target height	2.500	Prism constant	2.0mm						
Point Std Errors	060	HA HA	35.3948 0.0009		105.6944 0.0009		37.303 0.003	Code	ruga
Target height	2.500	Prism	2.0mm		0.0009		0.003		
Point	061	constant HA	23.9728		105.5162	SD	38.466	Code	ruga
Std Errors		НА	0.0009	VA	0.0009		0.003		
Target height	2.500	Prism constant	2.0mm						
Point Std Errors	062	HA HA	18.0041 0.0009		107.9643 0.0009		38.347 0.003	Code	ruga

Property Grant Grant Ale Statistical Ale Statistical Ale Statistical Ale A	Target height	1.400	Prism constant	2.0mm						
Side Energy AA	Point	063		18 1606	VA	110 1037	SD	21 644	Code	nuga
Target height 2,000 Prime 2,000 Prim										rugu
		2.050		2 0mm						
Entrangent Page Company Compan		2.000	constant	2.011111						
EMB Referrative horison For Currier Washington Free Size			Trimble VV/S Se	orioo						
Page				enes						
Section Sect										
Montain Angle Precision 0.0009 0.		•								
Vertical Angle Procision D0009 D										
Description										
Backsight centering error	_									
Model Setal number	EDM constant		0mm							
Model Serial number Serial properties	Backsight cent	ering error	0.003							
Serial number S2721070 Firmware version R12.5.64 Morizontal collimation 0.0001 Vertical collimation 0.0001 Transino axis till correction 0.0017 Vertical collimation 0.0001 Vertical collimation Vertical collimation 0.0001 Vertical collimation Vertical collim	Instrument detail	s								
Firmware version	Model		S6 3 DR 300+							
Notice and a collimation 0.0007	Serial number		92721070							
Vertical collimation	Firmware versi	on	R12.5.54							
Pressure S08,00mbar Temperature 19,0°C ppm 27.6										
Pressure 908.20mar Temperature 19.0°C ppm 27.6										
Pressure 2008 20mbar Temperature 19.0°C pm 27.6	Trunnion axis t	ilt correction	-0.0017							
Curvature Yes Refraction Yes Correction Yes Const.	Atmosphere									
Station setup Station	Pressure	908.20mbar	Temperature	19.0°C		27.6				
Station		Yes		Yes		0.142				
Station										
Station RFS Backsight DU00 Station type (Standard) Scale Tactor Du00000 State Error Du00000 State Error Du000000 State Error Du000000 State Error Du000000 State Error Du00000 Du00000 Du00000 Du00000 Du00000 Du000000 Du000000 Du0000000 Du00000000 Du00000000 Du0000000000	Station setup		1	1			1		1	
Station	Station	nFs1		0.000	Station type			1.00000000	Std Error	?
Station	Orientation									
Point (B.S.) Point Point Point Point Point Point (B.S.) Point (B.	Onemation		Daakainht		E4 Ovientation		F2 Ovientation		1	
Std Errors HA 0.0009 VA 0.0009 SD 0.003	Station	nFs1		pp3		0.0000		?	Orient. Std Err	0.0058
Std Errors HA 0.0009 VA 0.0009 SD 0.003	Daint (D.C.)		114	201 1051	\/A	00.0010	ep.	20.053	Cada	
Target height		pp3					I I			
Point (B.S.) psz HA		1 400	Driem		VA	0.0009	20	0.003		
Std Errors			constant		VΔ	115 4698	SD	13 578	Code	
Target height		μ32					I I			
Point Poi			Duiana			0.0003		0.000		
Residuals (Station State Point	Target height	1.400		2.0mm						
Point Poin	Point	nFs1	North	4691412.938	East	7500229.478	Elevation	1017.280	Code	
Point Poi	Resection	nFs1	Std Error (N)	0.006	Std Error (E)	0.005	Std Error (EI)	0.009		
Point Poi	Residuals (Static	on)								
Point Point Point Prism Point Point Point Prism Point Point Point Prism Point Poin			AN	2.222	AE	0.000	A Elev	0.00=	Hood for	Horizontal IV. (1. 1
AHA	roint	pp3							Usea for	nonzontal+vertical
AHA	Daint		AN	0.000	A.F.		AFIni	0.000	Upped 5-11	Hadact-Like (C.)
Point Code HA 184.4619 VA 119.7185 SD 1.453 Code Ndarjet 9854	Point	ps2								Horizontal+Vertical
Std Errors HA 0.0009 VA 0.0009 SD 0.010 SD 0.010 Stake out point (064) Design point: Ndarjet 9854Code: To the point To the point To the point To the point O65 HA 250.1376 VA 100.5248 SD 3.969 Code Ndarjet 9855 SD Stake out point (065) Design point: Ndarjet 9855Code: Target height 1.400 Constant 2.0mm Stake out point (065) Design point: Ndarjet 9855Code: To the point Stake out point (065) Design point: Ndarjet 9855Code: To the point To the point To the point O66 HA To.7876 VA To.7876 VA To.7876 SD To.7876 Code Ndarjet 10010 Ndarjet 10010 Code Code			ΔНΑ	0.0055	ΔVΑ	-0.0079	ΤΟΟ	-0.006	<u> </u>	
Std Errors HA 0.0009 VA 0.0009 SD 0.010 SD 0.010 Stake out point (064) Design point: Ndarjet 9854Code: To the point To the point To the point To the point O65 HA 250.1376 VA 100.5248 SD 3.969 Code Ndarjet 9855 SD Stake out point (065) Design point: Ndarjet 9855Code: Target height 1.400 Constant 2.0mm Stake out point (065) Design point: Ndarjet 9855Code: To the point Stake out point (065) Design point: Ndarjet 9855Code: To the point To the point To the point O66 HA To.7876 VA To.7876 VA To.7876 SD To.7876 Code Ndarjet 10010 Ndarjet 10010 Code Code	Point	064	НА	184 4619	VA	119 7185	SD	1 453	Code	Ndariet 9854
Target height 1.400 Prism constant 2.0mm 2.0mm 2.0mm 2.0mm 3.400 3.		004								radijet 9004
Stake out point (064)			Driam			3.0000		0.010		
Method To the point			constant							
Stakeout Deltas: Grid Δ North -0.010 Δ East -0.009 ΔElev -1015.436	1	(064)		darjet 9854Code:						
Std Errors HA 0.0009 VA 0.0009 SD 0.010 Target height 1.400 Prism constant 2.0mm 0.0009 SD 0.010 Stake out point (065) Method To the point Stakeout Deltas: Grid Δ North -0.024 Δ East 0.009 Δ Elev -1015.847 Point 066 HA 76.7876 VA 138.0655 SD 21.517 Code Ndarjet 10010	Stakeout	Deltas: Grid	· ·	-0.010	Δ East	-0.009	ΔElev	-1015.436		
Std Errors HA 0.0009 VA 0.0009 SD 0.010 Target height 1.400 Prism constant 2.0mm 0.0009 SD 0.010 Stake out point (065) Method To the point Stakeout Deltas: Grid Δ North -0.024 Δ East 0.009 Δ Elev -1015.847 Point 066 HA 76.7876 VA 138.0655 SD 21.517 Code Ndarjet 10010	Point	065	НА	250 1376	VA	100 5248	SD	3 060	Code	Ndariet 9855
Target height 1.400 Prism constant 2.0mm										radijet 9000
Constant Constant		1.400	Prism			0.0003	-	0.010		
Method To the point Stakeout Deltas: Grid Δ North -0.024 Δ East 0.009 Δ Elev -1015.847 Point 066 HA 76.7876 VA 138.0655 SD 21.517 Code Ndarjet 10010			constant							
Point 066 HA 76.7876 VA 138.0655 SD 21.517 Code Ndarjet 10010	Method	<u> </u>								
	Stakeout	Deltas: Grid		-0.024	Δ East	0.009	ΔElev	-1015.847		
Std Errors HA 0.0009 VA 0.0009 SD 0.010	Point	066	НА	76.7876	VA	138.0655	SD	21.517	Code	Ndarjet 10010
	Std Errors		HA	0.0009	VA	0.0009	SD	0.010		
	I	I	I	I			1 1		I	ı l

Target height	1.400	Prism	2.0mm						
		constant							
Stake out point	t (066)		darjet 10010Code:						
Method	D., 5	To the point			25::	1.5	1000 ===	1	
Stakeout	Deltas: Grid	Δ North	-0.025	Δ East	0.044	ΔElev	-1003.766		
Point	nn1	НА	327.7581	VΔ	85.6466	SD	18.781	Code	
Std Errors	ļ	HA	0.0009		0.0009		0.003	1	
	4 400	Dutam							
Target height	1.400	constant	2.0mm						
Point	pn2	НА	327.7311		87.3187		50.904	1	
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	2.500	Prism constant	2.0mm						
Point	pn3	НА	134.9210	VA	113.2072	SD	54.026	Code	
Std Errors	,	на	0.0009		0.0009		0.003	1	
Target height	1.500	Prism	2.0mm						
rarget neight	1.500	constant	2.011111						
Instrument									
Instrument type	e	Trimble VX/S Se	eries						
EDM Refractive	e Index	274.1							
EDM Carrier W	avelength	79.3							
Horizontal circ	le mode	Set to azimuth							
Horizontal Ang		0.0009							
Vertical Angle		0.0009							
EDM precision		3mm +2ppm							
EDM constant		0mm							
Backsight cent	tering error	0.003							
Instrument detail	Is								
Model		S6 3 DR 300+							
Serial number		92721070							
Firmware versi	on	R12.5.54							
Horizontal colli	imation	-0.0007							
Vertical collima		0.0001							
Trunnion axis t	tilt correction	-0.0017							
Atmosphere									
Pressure	906 70mbar	Temperature	19.0°C	nnm	28.0				
Curvature		· -							
correction	Yes	Refraction correction	Yes	Refraction const.	0.142				
Station setup									
Station	nFs2	Instrument height	0.000	Station type	Resection (Standard)	Scale factor	1.00000000	Std Error	?
	l		l	l	(Standard)			ll	
Orientation									
Station	nFs2	Backsight point	pn2	F1 Orientation correction	0.0000	F2 Orientation correction	?	Orient. Std Err	0.0084
Point (B.S.)	nn2	НА	356.7297	VA	105.2717	SD	35.593	Code	
Std Errors		на	0.0009		0.0009	1	0.003	I	
		Prism constant			3.5505		0.000		
Target height	1.400	constant	2.0mm						
Point (B.S.)	pn1	НА	26.6349		127.6886		17.217	1	
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		

7500206.543 Elevation

-0.002 ΔElev

0.001 **ΔElev**

0.0187 **ΔSD**

69.7520 **SD**

0.0009 **SD**

-0.0142 **ΔSD**

0.004 Std Error (EI)

1029.190 Code

0.008 Used for

-0.006 Used for

18.137 Code

Horizontal+Vertical

Horizontal+Vertical

Ndarjet 9985

0.007

0.002

0.002

0.010

1.850 Prism constant

nFs2 Std Error (N)

nFs2 North

pn2 **ΔN**

pn1 ΔN

pn4 HA

ΔΗΑ

ΔΗΑ

1.400 HA Prism constant

To the point

Design point: Ndarjet 9985Code:

2.0mm

4691406.403 East

0.002 **ΔE**

-0.0012 **ΔVA**

-0.001 **ΔE**

0.0058 **ΔVA**

251.0825 VA

2.0mm

0.0009 VA

0.003 Std Error (E)

Target height

Residuals (Station)

Point

Point

Point

Point

Std Errors

Method

Target height

Stake out point (pn4)

Resection

Institutional type Implie VVS Senes 27.1 27.3 27.1 27.3 27.1 27.3 27.1 27.3 27.1 27.3 27.1 27.3 27.	Stakeout	Deltas: Grid	Δ North	0.016	Δ East	0.005	ΔElev	-1036.088		
Present Present Priority Present Priority Priority Present Priority Present Priority Present Priority Present Priority Present Priority Prio	Point	Ndariet 10011	North	4691372 539	East	7500221 415	Elevation	0.000	Code	
Instrument Wiseland	Point									
Transfer Vigor Fire										
274.1	mstrument									
200 200				eries						
Section Sect										
Horizontal Angle Precision 0.0009		_								
Marcial Angle Practation State Properties Sta										
Description Sum 2-poin Description	-									
Company Comp		riecision	1							
Backsight centering error										
Section Sect		ering error								
Mode Serial number		-								
Serial number		s 	S6 3 DR 300+							
Pressure DOS										
No. Content		on								
Vertical Collimation										
Pressure 908,70 mbs Temperature 18,0°C ppm 27,4										
Pressure										
Pressure S08-70mbn Temperature 19.0°C ppm 27.4										
Convertion Yes Refraction Yes Refraction Yes Refraction Cornection Yes Refraction Const.	Atmosphere									
Station	Pressure	908.70mbar	I -			27.4				
Station	Curvature	Yes	Refraction	Yes	Refraction	0.142				
Station nFs3	correction		correction		const.					
Station	Station setup									
Station			Instrument			Resection				
Station	Station	nFs3	height	0.000	Station type			1.00000000	Std Error	?
Station	Orientation									
Point (B.S.) Pa2 HA			Y	Υ			T		1	Υ
Point (B.S.) Point	Station	nFs3		ps2		0.0000		?	Orient. Std Err	0.0015
State Errors HA			point		correction		correction			
State Errors HA	Point (B.S.)	ps2	НА	319.1697	VA	91,4679	SD	26.202	Code	
Target height	Std Errors		на							
Point 1.400 Point Poin		4 400	Prism							
State Errors HA	l arget neight	1.400	constant	2.Umm						
Target height 1.400 Prism constant 2.0mm	Point (B.S.)	pn3	HA	149.1442	VA	118.1351	SD	15.874	Code	
Point Poin	Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Point nFs3 North 4691396.001 East 7500263.666 Elevation 1010.514 Code Resection nFs3 Std Error (N) 0.001 Std Error (E) 0.001 Std Error (E) 0.000	Target height	1.400		2.0mm						
Resection nFs3 Std Error (N) 0.001 Std Error (E) 0.001 Std Error (EI) 0.000		F.0				750000 000	E	1010 511		
Point										
Point Point Point Point Prism Constant C	Resection	nFs3	Std Error (N)	0.001	Std Error (E)	0.001	Std Error (EI)	0.000		
Point Point Point Point Prism Constant C	Residuals (Statio	on)								
AHA			1411		- ·		1			
Point Point Prism Point Point Prism Point Point Point Point Point Point Point Point Point Prism Point Poi	Point	ps2							Used for	Horizontal+Vertical
AHA			ΔΗΑ	0.0001	ΔVΑ	-0.0007	ΔSD	0.001	<u> </u>	
AHA	Point	nn?	ΔΝ	0.000	ΛE	0 001	ΛElev	0.000	Used for	Horizontal+\/ertical
Point 100 HA 142.1695 VA 120.0611 SD 3.862 Code Ndarjet 10037		μιο							3000 101	. Ionzoniai vertical
HA	<u> </u>	L.		0.0004		0.0001		0.001		Į
Target height	Point	100	НА	142.1695	VA	120.0611	SD	3.862	Code	Ndarjet 10037
Stake out point (100) Design point: Ndarjet 10037Code: To the point	Std Errors		на	0.0009	VA	0.0009	SD	0.010		
Constant	Target height	1.400		2.0mm						
To the point Stakeout Deltas: Grid A North Deltas: Grid A Deltas: Grid A North D			constant							
Stakeout Deltas: Grid Δ North 0.002 Δ East -0.005 Δ Elev -1007.916	Method	,								
Point 101 HA 209.8849 VA 109.8876 SD 3.978 Code Ndarjet 10036	Stakeout	Deltas: Grid	_	0.002	Δ East	-0.005	ΔElev	-1007.916		
HA					· · · · · · · · · · · · · · · · · · ·					
Target height 1.400 Prism 2.0mm	Point	101								Ndarjet 10036
Stake out point (101) Design point: Ndarjet 10036Code:	Std Errors			0.0009	VA	0.0009	SD	0.010		
Constant	Target height	1.400		2.0mm						
To the point Stakeout Deltas: Grid Δ North -0.016 Δ East 0.000 ΔElev -1008.498			constant							
Stakeout Deltas: Grid Δ North -0.016 Δ East 0.000 ΔElev -1008.498 Point 102 HA 82.4082 VA 138.1165 SD 24.364 Code Ndarjet 10062 Std Errors HA 0.0009 VA 0.0009 SD 0.010 0.010 Torrort height 1.400 Prism 2.0mm 2.0mm<	Method	. (101)		jot 1000000ue.						
Std Errors HA 0.0009 VA 0.0009 SD 0.010 Target height 1,400 Prism 2,0mm 0.0009 SD 0.010	Stakeout	Deltas: Grid		-0.016	Δ East	0.000	ΔElev	-1008.498		
Std Errors HA 0.0009 VA 0.0009 SD 0.010 Target height 1,400 Prism 2,0mm 0.0009 SD 0.010	Deter		1114	20 :		100 :::-	op.		0-4	ALL 1.1222
Target height 1,400 Prism 2,0mm		102								Ndarjet 10062
	Siu Errors		Driem			0.0009	שט	0.010		
	Target height	1.400		2.0mm						
		1		1					l.	1

Stake out point	t (102)	Design point: N	darjet 10062Code:						
Stakeout	Deltas: Grid	Δ North	-0.017	Δ East	-0.013	ΔElev	-995.381		
Point	103	НА	264.7004	VA	71.2253	en	31.039	Codo	Ndarjet 10035
Std Errors	103	HA	0.0009		0.0009		0.010		Nuarjet 1003
Target height	1.400	Prism	2.0mm						
		constant	arjet 10035 Code:						
Stake out line (Method	(103)	To the line	arjet 10035 Code:						
Station		25.526							
Elevation		0.000							
Stakeout	Deltas: Grid	Δ North	-0.054	Δ East	0.025	ΔElev	-1022.671		
Stakeout	Deltas: Linear	Δ Station	?	ΔOffset	-0.059	ΔElev	-1022.671	Grade to line	-1729307.40%
Point	pn5	НΔ	327.6252	VA	85.0242	SD	6 563	Code	
Std Errors	prio	HA	0.0009		0.0009	1	0.003		
Target height	1.400	Prism	2.0mm						
raiget neight	1.400	constant	2.011111						
Instrument									
Instrument type	e	Trimble VX/S S	eries						
EDM Refractive		274.1							
EDM Carrier W	avelength	79.3							
Horizontal circ		Set to azimuth							
Horizontal Ang		0.0009							
Vertical Angle EDM precision		0.0009 3mm +2ppm							
EDM constant		0mm							
Backsight cent	tering error	0.003							
Instrument detail	ls								
Model		S6 3 DR 300+							
Serial number		92721070							
Firmware versi	on	R12.5.54							
Horizontal colli		-0.0007							
Vertical collimater Trunnion axis to		0.0001							
Trummon axis	unt correction	-0.0017							
Atmosphere									
Pressure	907.70mbar	Temperature	19.0°C	I I	27.7				
Curvature correction	Yes	Refraction correction	Yes	Refraction const.	0.142				
Station setup	,								
Station	nFs4	Instrument height	0.000	Station type	Resection (Standard)	Scale factor	1.00000000	Std Error	3
	L	cigift	1	<u> </u>	(Glandaid)				<u> </u>
Orientation									
	1	Packsight .	1	E1 Orientation		F2 Orientation		1	
Station	nFs4	Backsight point	pn5	F1 Orientation correction	0.0000	correction	?	Orient. Std Err	0.0297
	· · · · · · · · · · · · · · · · · · ·	1	·					·	-
Point (B.S.)	pn5		73.8081		127.1104		30.900		
Std Errors		HA Prism	0.0009		0.0009	סס	0.003		
Target height	1.400	constant	2.0mm						
Point (B.S.)	ps2	НА	25.1218		133.3472		20.355		
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	2.000	Prism constant	2.0mm						
Point	nFs4	North	4691387.433	East	7500232.092	Elevation	1024.804	Code	
Resection	nFs4	Std Error (N)	0.009	Std Error (E)	0.008	Std Error (EI)	0.006		
Residuals (Statio	on)								
Point	pn5	ΛN	0.000	ΛF	0.005	ΔElev	0.000	Used for	Horizontal+Vertica
i Ollit	cnq	ΔΗΑ	-0.0047		-0.005 -0.006		-0.007	Joeu IVI	i ionzontai+vertica
			·					1	
Point	ps2	ΔΝ	-0.001			ΔElev		Used for	Horizontal+Vertica
	L	ΔΗΑ	0.0119	ΔVΑ	0.0143	ΔSD	0.004		<u> </u>
Point	201	НА	239.4931	VA	73.7239	SD	20.021	Code	Ndarjet 1001
Std Errors		на	0.0009		0.0009		0.010		
I	I	Prism	T.	ı		1		I .	

2.000 Prism constant

Stake out point (201)

2.0mm

Design point: Ndarjet 10011Code:

Method		To the point									
Stakeout	Deltas: Grid	Δ North	0.026	Δ East	-0.017	ΔElev	-1030.836				
Point	ParcRe 9725	North	4691360.274	East	7500266.414	Elevation	0.000	Code	1		
Point	202	НА	262.4154	VA	67.2817	SD	26.049	Code	ParcRe 9724		
Std Errors		HA	0.0009	VA	0.0009	SD	0.010				
Target height	2.000	Prism constant	2.0mm								
Stake out point	(202)	Design point: ParcRe 9724Code:									
Method		To the point									
Stakeout	Deltas: Grid	Δ North	-0.062	Δ East	0.068	ΔElev	-1035.611				
nstrument											
nstrument											
Instrument type		Trimble VX/S S	eries								
		l									

EDM Refractive Index 274.1 EDM Carrier Wavelength 79.3 Horizontal circle mode Set to azimuth Horizontal Angle Precision 0.0009 Vertical Angle Precision 0.0009 EDM precision 3mm +2ppm EDM constant 0mm Backsight centering error 0.003

Instrument details

Model	S6 3 DR 300+
Serial number	92721070
Firmware version	R12.5.54
Horizontal collimation	-0.0007
Vertical collimation	0.0001
Trunnion axis tilt correction	-0.0017

Atmosphere

Pressure	910.10mbar	Temperature	13.0°C	ppm	21.9		
Curvature correction	Yes	Refraction correction	Yes	Refraction const.	0.142		

Station setup

(*******)

Orientation

Station	nFs5	Backsight point	ps5	F1 Orientation correction	0.0000	F2 Orientation correction	?	Orient. Std Err	0.0084
Point (B.S.)	ps5	HA	377.4301	VA	88.3750	SD	36.139	Code	
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1.400	Prism constant	2.0mm						
Point (B.S.)	ps4	HA	348.4422	VA	90.1941	SD	15.490	Code	
Std Errors		HA	0.0009	VA	0.0009	SD	0.003		
Target height	1 400	Prism constant	2.0mm						
Point	nFs5	North	4691357.708	East	7500284.961	Elevation	1000.946	Code	
Resection	nFs5	Std Error (N)	0.002	Std Error (E)	0.003	Std Error (EI)	0.003		

Residuals (Station)

Point	ps5	ΔΝ	0.002	ΔΕ	0.000	ΔElev	0.004	Used for	Horizontal+Vertical
		ΔΗΑ	0.0006	ΔVΑ	-0.0055	ΔSD	0.003		
Point	ps4	ΔΝ	-0.002	ΔΕ	0.001	ΔElev	-0.003	Used for	Horizontal+Vertical
	·	ΔΗΑ	-0.0030	ΔVΑ	0.0093	ΔSD	-0.002		
Point	203	НА	308.7523	VA	90.7009	SD	18.923	Code	ParcRe 9725
Std Errors		на	0.0009	VA	0.0009	SD	0.010		
Target height	1.400	Prism constant	2.0mm						
Stake out poin	t (203)	Design point: P	arcRe 9725Code:		•	•			
Method		To the point							
Stakeout	Deltas: Grid	Δ North	0.001	Δ East	-0.005	ΔElev	-1002.301		
	1		1 070 0000	1	100 5000	-	1 0010		
Point	204	HA	373.2090		103.5689	-		Code	Ndarjet 9790
Std Errors		HA	0.0009	VA	0.0009	SD	0.010		
Target height	1.400	Prism constant	2.0mm						

Stake out point	(204)	Design point: No	darjet 9790Code:						
Method		To the point							
Stakeout	Deltas: Grid	Δ North	-0.002	Δ East	-0.009	ΔElev	-999.364		
Point	205	нл	51.9817	VA	112.1064	sn.	6 630	Code	Ndarjet 9782
Std Errors	203	HA	0.0009		0.0009		0.039	Code	Nuarjet 9702
Target height	1.400	Prism constant	2.0mm						
Stake out point	(205)		l darjet 9782Code:						
Method	(205)	To the point	uarjet 9762Code.						
Stakeout	Deltas: Grid	· · · · · · · · · · · · · · · · · · ·	-0.001	Δ East	-0.005	ΔElev	-998.291		
Point	206		49.3289		112.6106			Code	Ndarjet 9778
Std Errors		HA	0.0009	VA	0.0009	SD	0.010		
Target height	1.400	Prism constant	2.0mm						
Stake out point	(206)	Design point: No	darjet 9778Code:						
Method		To the point							
Stakeout	Deltas: Grid	Δ North	-0.004	Δ East	0.011	ΔElev	-997.690		
Point	207	шл	44.0448	VA	112.4781	en	12.193	Codo	Ndarjet 9774
Std Errors	207	HA	0.0009		0.0009		0.010	Code	Nuarjet 9774
	4 400	Driem			0.0000		0.010		
Target height	1.400	constant	2.0mm						
Stake out point	(207)		darjet 9774Code:						
Method	Dalte - O 11	To the point	0.000	Δ East	-0.005	A Elo:	007.474		
Stakeout	Deltas: Grid	Δ North	-0.009	Δ East	-0.005	ΔEIEV	-997.171		
Point	208	НА	39.5353	VA	111.2044	SD	13.748	Code	Ndarjet 9770
Std Errors		на	0.0009		0.0009	SD	0.010		
Target height	1.400	Prism	2.0mm						
Stake out point	(208)	Constant	l darjet 9770Code:						
Method	(200)	To the point	daljet 97 7000de.						
Stakeout	Deltas: Grid	· ·	-0.017	Δ East	0.023	ΔElev	-997.139		
Point	209		24.1022		111.5084		20.448	Code	Ndarjet 9762
Std Errors		HA Prism	0.0009	VA	0.0009	SD	0.010		
Target height	1.400	constant	2.0mm						
Stake out point	(209)	Design point: No	darjet 9762Code:						·
Method		To the point							
Stakeout	Deltas: Grid	Δ North	0.016	Δ East	-0.010	ΔElev	-995.870		
Point	210	шл	21.4819	VA	111.2229	en	24.259	Codo	Ndarjet 9758
Std Errors	210	HA	0.0009		0.0009		0.010		Nuarjet 9730
Target height	1.400	Prism	2.0mm						
		constant							
Stake out point Method	(210)		darjet 9758Code:						
Stakeout	Deltas: Grid	To the point	0.035	Δ East	-0.030	ΛΕΙον	-995.292		
Stakeout	Deltas. Ond	Δ NOITH	0.000	A Last	-0.030	Triev	-995.292	<u> </u>	
Point	211	НА	29.6943	VA	109.7189		31.438	Code	Ndarjet 9725
Std Errors		HA	0.0009	VA	0.0009	SD	0.010		
Target height	1.400	Prism constant	2.0mm						
Stake out point	(211)		<u>l</u> darjet 9725Code:	I	<u> </u>		<u> </u>		
Method	. ,	To the point	,						
Stakeout	Deltas: Grid	· · · · · · · · · · · · · · · · · · ·	0.002	Δ East	-0.001	ΔElev	-994.765		
		1							
Point Std Errors	212		31.4396		110.6506		27.751	Code	Ndarjet 9976
		HA Prism	0.0009		0.0009	JD	0.010		
Target height	1.400	constant	2.0mm						
Stake out point	(212)	Design point: No	darjet 9976Code:						
Method		To the point	1	1			1		
Stakeout	Deltas: Grid	Δ North	0.052	Δ East	0.002	ΔElev	-994.925		
Point	213	НА	32.8483	VA	110.4741	SD	28.715	Code	Ndarjet 9980
Std Errors		HA	0.0009		0.0009		0.010		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Target height	1.400	Prism	2.0mm						
		constant							
Stake out point Method	(213)	To the point	darjet 9980Code:						
Stakeout	Deltas: Grid		0 024	Δ East	0.001	ΔElev	-994.843		
	25		JZ-T		0.001				

Point	p1	North	4691429.292	East	7500168.534	Elevation	1031.220	Code	
Point	pp1	North	4691429.390	East	7500168.543	Elevation	1030.859	Code	
Point	pp2	North	4691429.365	East	7500168.519	Elevation	1030.861	Code	
Point	pp3	North	4691441.067	East	7500147.885	Elevation	1034.640	Code	
Point	pp4	North	4691445.125	East	7500164.581	Elevation	1028.777	Code	
Point	fs1	North	4691426.338	East	7500197.714	Elevation	1025.289	Code	
Point	001	North	4691437.416	East	7500177.776	Elevation	1025.154	Code	rug
Point	002	North	4691438.802	East	7500181.339	Elevation	1024.912	Code	rug
Point	003	North	4691427.461	East	7500188.717	Elevation	1024.560	Code	rug
Point	004	North	4691431.170	East	7500190.231	Elevation	1024.296	Code	rug
Point	005	North	4691422.142	East	7500196.751	Elevation	1023.597	Code	rug
Point	006	North	4691426.014	East	7500199.503	Elevation	1023.348	Code	rug
Point	007	North	4691420.868	East	7500200.305	Elevation	1022.997	Code	rug
Point	008	North	4691425.196	East	7500201.512	Elevation	1022.950	Code	ruç
Point	009	North	4691415.893	East	7500215.663	Elevation	1018.892	Code	ruç
Point	010	North	4691419.934	East	7500216.892	Elevation	1018.784	Code	ruç
Point	011	North	4691411.230	East	7500225.077	Elevation	1016.291	Code	ruç
Point	012	North	4691415.530	East	7500226.189	Elevation	1016.481	Code	ruç
Point	013	North	4691409.847	East	7500234.158	Elevation	1014.330	Code	ruç
Point	014	North	4691402.512	East	7500246.846	Elevation	1011.651	Code	ruç
Point		North	4691396.178		7500254.535		1010.716		rug
Point		North	4691391.237		7500266.374		1007.419		
Point		North	4691390.631	-	7500266.100		1007.482		ruç
Point		North	4691393.544		7500267.619	-	1007.646		ruç
Point		North	4691403.702	East	7500238.870		1012.615		
Point		North	4691398.164	_	7500259.339		1011.893		
Point	018	North	4691406.385	East	7500231.999	Elevation	1014.373	Code	rug
Point	019	North	4691403.843	East	7500235.259	Elevation	1013.305	Code	rug
Point	020	North	4691406.868	East	7500238.330	Elevation	1013.039	Code	rug
Point	021	North	4691399.634	East	7500243.650	Elevation	1011.881	Code	ruç
Point	022	North	4691402.875	East	7500246.264	Elevation	1011.627	Code	rug
Point	023	North	4691396.212	East	7500255.027	Elevation	1010.610	Code	rug
Point	024	North	4691400.016	East	7500255.710	Elevation	1010.876	Code	rug
Point	025	North	4691390.764	East	7500265.853	Elevation	1007.569	Code	rug
Point	026	North	4691393.699	East	7500268.167	Elevation	1007.451	Code	rug
Point	027	North	4691384.945	East	7500272.824	Elevation	1004.771	Code	rug
Point	028	North	4691387.715		7500275.996		1004.906	Code	rug
Point	029	North	4691383.572	East	7500273.886	Elevation	1004.183	Code	rug
Point		North	4691385.789		7500277.901		1004.118		rug
Point	031	North	4691379.808	East	7500279.883	Elevation	1002.782	Code	rug
Point	032	North	4691380.071	East	7500275.655	Elevation	1003.134	Code	ruç
Point	ps3	North	4691375.263	East	7500281.216	Elevation	1001.728	Code	
Point	•	North	4691386.228		7500276.976		1006.153		
Point		North	4691379.895		7500275.670	Elevation	1003.099		ruç
Point		North	4691378.655		7500275.857	Elevation	1002.740		rug
Point		North	4691380.573		7500279.647		1002.808		rug
Point		North	4691376.027	-	7500275.829		1002.601		rug
Point		North	4691370.621		7500276.846		1001.569		rug
Point		North	4691363.131	-	7500277.303		1000.695		rug
Point		North	4691359.462	_	7500278.546		1000.106		rug
Point		North	4691357.937	-	7500282.368	Elevation	999.474		rug
Point	041	North	4691356.722		7500284.688		999.133		rug
Point		North	4691368.261		7500273.878		1001.921		
Point	· · · · · · · · · · · · · · · · · · ·	North	4691391.032		7500272.626		1006.113		
Point	· · · · · · · · · · · · · · · · · · ·	North	4691357.723	+	7500284.924	-	1000.975		
Point		North	4691364.356		7500283.540		999.759		ruç
Point		North	4691363.506		7500284.551		999.181		ruç
Point		North	4691363.726		7500285.687		998.849		rug
Point		North	4691364.175	-	7500286.330		998.655		ruç
Point		North	4691366.327		7500287.889		998.147		rug
Point		North	4691358.290		7500288.759		998.705		rug
Point		North	4691359.709		7500291.574		998.117		rug
Point		North	4691362.733	-	7500294.024		997.657		ruç
Point		North	4691366.061		7500295.491		997.369		ruç
Point		North	4691368.584		7500295.877		996.711		rug
Point		North	4691369.752		7500295.788		996.802		ru
Point		North	4691369.611	-	7500290.034	-	996.946		ruç
Point		North	4691376.327	_	7500295.396		995.821		ruç
Point		North	4691379.075	_	7500295.396		995.821		_
Point		North	4691381.850		7500293.717		994.931		rug
i Jiii	030	NOTH	+001001.000	Lasi	1300281.832	-icvation	394.931	Joue	rug

Point	057	North	4691382.367	East	7500298.936	Elevation	994.841	Code	ruga
Point	058	North	4691383.138	East	7500302.018	Elevation	994.828	Code	ruga
Point		North	4691382.948		7500303.614	Elevation	995.153		ruga
Point	060	North	4691389.275	East	7500304.530	Elevation	995.143	Code	ruga
Point	061	North	4691393.353	East	7500299.014	Elevation	995.146	Code	ruga
Point	062	North	4691394.252	East	7500295.540	Elevation	994.790	Code	ruga
Point	063	North	4691378.228	East	7500290.938	Elevation	995.504	Code	ruga
Point	nFs1	North	4691412.938	East	7500229.478	Elevation	1017.280	Code	
Point	064	North	4691411.593	East	7500229.813	Elevation	1015.436	Code	Ndarjet 9854
Point	065	North	4691410.136	East	7500226.665	Elevation	1015.847	Code	Ndarjet 9855
Point	066	North	4691419.279	East	7500246.091	Elevation	1003.766	Code	Ndarjet 10010
Point	pn1	North	4691420.668	East	7500212.887	Elevation	1020.079	Code	
Point	pn2	North	4691433.988	East	7500184.249	Elevation	1024.854	Code	
Point	pn3	North	4691385.376	East	7500274.581	Elevation	1004.651	Code	
Point	nFs2	North	4691406.403	East	7500206.543	Elevation	1029.190	Code	
Point	pn4	North	4691395.196	East	7500194.948	Elevation	1036.088	Code	Ndarjet 9985
Point	Ndarjet 10011	North	4691372.539	East	7500221.415	Elevation	0.000	Code	
Point	ParcRe 9724	North	4691374.746	East	7500213.319	Elevation	0.000	Code	
Point	nFs3	North	4691396.001	East	7500263.666	Elevation	1010.514	Code	
Point	100	North	4691393.742	East	7500266.562	Elevation	1007.916	Code	Ndarjet 10037
Point	101	North	4691392.117	East	7500263.058	Elevation	1008.498	Code	Ndarjet 10036
Point	102	North	4691401.491	East	7500283.025	Elevation	995.381	Code	Ndarjet 10062
Point	103	North	4691381.303	East	7500239.931	Elevation	1022.671	Code	Ndarjet 10035
Point	pn5	North	4691398.685	East	7500257.874	Elevation	1010.644	Code	
Point	nFs4	North	4691387.433	East	7500232.092	Elevation	1024.804	Code	
Point	201	North	4691372.513	East	7500221.432	Elevation	1030.836	Code	Ndarjet 10011
Point	ParcRe 9725	North	4691360.274	East	7500266.414	Elevation	0.000	Code	
Point	202	North	4691374.808	East	7500213.251	Elevation	1035.611	Code	ParcRe 9724
Point	nFs5	North	4691357.708	East	7500284.961	Elevation	1000.946	Code	
Point	203	North	4691360.273	East	7500266.419	Elevation	1002.301	Code	ParcRe 9725
Point	204	North	4691360.667	East	7500283.637	Elevation	999.364	Code	Ndarjet 9790
Point	205	North	4691362.172	East	7500289.712	Elevation	998.291	Code	Ndarjet 9782
Point	206	North	4691364.314	East	7500291.429	Elevation	997.690	Code	Ndarjet 9778
Point	207	North	4691366.917	East	7500292.590	Elevation	997.171	Code	Ndarjet 9774
Point	208	North	4691368.715	East	7500292.836	Elevation	997.139	Code	Ndarjet 9770
Point	209	North	4691376.396	East	7500292.395	Elevation	995.870	Code	Ndarjet 9762
Point	210	North	4691380.240	East	7500292.867	Elevation	995.292	Code	Ndarjet 9758
Point	211	North	4691385.456	East	7500298.932	Elevation	994.765	Code	Ndarjet 9725
Point	212	North	4691381.798	East	7500297.930	Elevation	994.925	Code	Ndarjet 9976
Point	213	North	4691382.343	East	7500298.935	Elevation	994.843	Code	Ndarjet 9980