Survey Report

 Job name
 1907-7-nere_ep

 Creation date
 13 Jun 2025

Version Trimble 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

Type Grid

Datum transformation

Type 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

Type Grid

Datum transformation

Type None

Feature library

 Library name
 LIRIDON

 Library File Name
 LIRIDON.fxl

 Attribute Support
 No

Corrections

South azimuth (grid) No

Grid coords Increase North-East
Magnetic declination 0.0000

Magnetic declination 0.0000
Distances Grid
Neighborhood adjustment Off

Rover options

Elevation	13 PDOP mask	6			
mask	13 PDOP mask	U			

Rover options

Elevation mask	13	PDOP mask	6			

Survey event

Rover started

Note		VRS base: 42°2	2'33.98340", 21°05'	08.33520". 714.6	67m				
<u> </u>	nt: RTK initialized	1111111111111111							
GPS week		Seconds	457746	Initialization	On the fly	Survey type	Real-time		
		<u> </u>	<u> </u>	type			<u> </u>		<u> </u>
GNSS receiver									
Receiver type		R10							
Serial number		5452489155							
Firmware versi	ion	4.9							
Antenna type		R10 Internal							
Measurement I		Bottom of quick	release						
Tape adjustme		0.000							
Horizontal offs Vertical offset	et	0.000 0.199							
Point	Auto0000	х	4403479.763	Υ	1697892.599	Z	4277033.525	Code	PDFndarj 10994
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna	2.000	Type	Uncorrected	Hz Prec	0.010	Vt Prec	0.015		
height									
QC 1		PDOP	1.5	GDOP	1.9	HDOP	0.8	VDOP	1.2
		Base data age	2	Satellites	13	Positions used	1		
Stake out poin Method	t (Auto0000)	Design point: PI To the point	DFndarj 10994Code	:					
Stakeout	Deltas: Grid	-	-0.012	Δ East	0.013	ΔΕΙεν	-713.432		
Point	Auto0001	х	4403466.555	Υ	1697894.849	Z	4277044.084	Code	PDFndarj 11022
		Method	Network RTK			Search class	As-staked		
Antenna	2,000	Туре	Uncorrected	Uz Droo	0.000	Vt Prec	0.012		
height	2.000		Uncorrected	nz Fiec	0.006	VIFIEC	0.012		
QC 1		PDOP	1.3	GDOP	1.7	HDOP	0.7	VDOP	1.1
		Base data age	2	Satellites	14	Positions used	1		
Stake out poin	t (Auto0001)	• .	DFndarj 11022Code	:		1	<u>I</u>	I.	
Method		To the point	1	1		1		1	1
Stakeout	Deltas: Grid	Δ North	0.003	Δ East	-0.017	ΔElev	-712.042		
Point	Auto0002	X Method	4403462.478 Network RTK	1	1697910.788 Rapid point	Z Search class	4277040.256 As-staked		PDFndarj 11021
Antenna				••					
height	2.000	Туре	Uncorrected	Hz Prec	0.008	Vt Prec	0.011		
QC 1		PDOP	1.4	GDOP		HDOP	0.7	VDOP	1.1
		Base data age	1	Satellites	14	Positions used	1		
Stake out line	(Auto0002)	Line name: PDF	ndarj 11021 Code:					•	
Method		To the line							
Station		17.674							
Elevation		0.000							
Stakeout	Deltas: Grid	Δ North	-0.012	Δ East	-0.003	ΔElev	-710.888		
Stakeout	Deltas: Linear	Δ Station	?	ΔOffset	-0.012	ΔElev	-710.888	Grade to line	-5782309.16%
Point	Auto0003	v	4403457.822	V	1697927.360	7	4277035.840	Codo	PDFndarj 10995
l ouit	Autoooo	Method	Network RTK			Search class	As-staked		1 Di lidalj 10990
Antenna					, ,				
height	2.000	Type	Uncorrected	Hz Prec	0.009	Vt Prec	0.012		
QC 1		PDOP	1.4	GDOP	1.7	HDOP	0.7	VDOP	1.1
		Base data age	1	Satellites	14	Positions used	1		
Stake out poin	<u> </u> t (Auto0003)	Design point: PI	<u> </u> DFndarj 10995Code	<u> </u> :		useu	<u> </u>]	
Method		To the point							
Stakeout	Deltas: Grid	Δ North	-0.002	Δ East	-0.005	ΔElev	-709.107		
Point	Auto0004	v	4403437.106	V	1697928.539	7	4277052.316	Codo	PDFndarj 11023
l ouit	Aut00004	Method	Network RTK	1		Search class	As-staked		1 Di lidaij 11023
Antenna									
height	2.000	Туре	Uncorrected	Hz Prec	0.012	Vt Prec	0.018		
QC 1		PDOP	2.0	GDOP	2.6	HDOP	1.0	VDOP	1.7
		Base data age	2	Satellites	11	Positions used	1		
Stake out poin	t (Auto0004)	Design point: PI	DFndarj 11023Code	:		,			
Method	D # 0 · ·	To the point	2.22	A F- :	2 22=	AFI	7000:-	î	1
Stakeout	Deltas: Grid	Δ North	0.004	Δ East	-0.027	ΔElev	-706.246		<u> </u>
Point	Auto0005	Х	4403437.776	Υ	1697931.383	Z	4277050.067	Code	ParcelaB 10496
		Method	Network RTK	1		Search class	As-staked		
Antenna	2 000	Туре	Uncorrected			Vt Prec	0.016		
height	2.000								
QC 1		PDOP		GDOP		HDOP Positions	0.8	VDOP	1.3
I	I.	Base data age	1 1	Satellites	12	FOSITIONS	1 1	I .	I .

1 Satellites

Base data age

2.0 HDOP 12 Positions

		 		I		used			
Stake out poin	t (Auto0005)		arcelaB 10496Code:	l.			J.		
Method Stakeout	Deltas: Grid	To the point Δ North	0.025	Δ East	-0.029	ΔElev	-705.948		
Point	Auto0006	v	4403442.917	v	1697936.597	7	4277043.537	Cada	ParcelaB 10500
Polit	Autouoo	Method	Network RTK			Search class	As-staked	Code	Parcelab 10500
Antenna height	2.000	Туре	Uncorrected	Hz Prec	0.012	Vt Prec	0.019		
QC 1		PDOP	1.5	GDOP	1.9	HDOP	0.8	VDOP	1.3
		Base data age	1	Satellites	13	Positions used	1		
Stake out poin	t (Auto0006)	Design point: Pa	rcelaB 10500Code:			uoou	<u> </u>	l	
Method		To the point		1					
Stakeout	Deltas: Grid	Δ North	0.001	Δ East	-0.003	ΔElev	-706.476		
Point	Auto0007	1	4403445.492		1697898.041		4277059.895	Code	PDFndarj 11050
Antenna		Method	Network RTK			Search class	As-staked		
height	2.000		Uncorrected			Vt Prec	0.020		
QC 1		PDOP		GDOP		HDOP Positions	0.8	VDOP	1.3
		Base data age	1	Satellites	13	used	1		
Stake out poin Method	t (Auto0007)	Design point: PI To the point	DFndarj 11050Code:						
Stakeout	Deltas: Grid	· ·	-0.003	Δ East	0.005	ΔElev	-709.028		
D • •									
Point Point	101 Auto0008	North	4692979.257 4403446.441		7507065.224 1697894.187		1.000 4277060.727	Code	PDFndarj 11050 101
Polit	Autouoo	Method	Network RTK			Search class	As-staked	Code	101
Antenna	2.000	Туре	Uncorrected			Vt Prec	0.022		
height QC 1		PDOP	1.6	GDOP	2.1	HDOP	0.8	VDOP	1.4
		Base data age		Satellites		Positions	1		
Stake out poin	t (Auto0008)	_	 1Code: PDFndarj 1	1050		used			
Method	· (v ·uuooooo)	To the point							
Stakeout	Deltas: Grid	Δ North	0.010	Δ East	0.008	ΔElev	-708.220		
Initialization eve	nt: RTK not initialized	i			,				
GPS week	2370	Seconds	458547	Initialization type	On the fly	Survey type	Real-time		
Initialization eve	nt: RTK initialized								
GPS week	2370	Seconds	458548	Initialization	On the fly	Survey type	Real-time		
				type			<u> </u>]	
Point	Auto0009		4403428.010		1697897.004		4277074.632	Code	ParcelaB 10492
Antenna		Method	Network RTK			Search class	As-staked		
height	2.000	Туре	Uncorrected			Vt Prec	0.013		
QC 1		PDOP		GDOP		HDOP Positions		VDOP	1.8
		Base data age		Satellites	10	used	1		
Stake out poin Method	t (Auto0009)	Design point: Pa	arcelaB 10492Code:						
Stakeout	Deltas: Grid	_	0.005	Δ East	0.012	ΔElev	-706.636		
I = 141 = 111 = -41 =									
milialization eve	nt: RTK not initialized	,		1					
GPS week	2370	Seconds	458618	Initialization type	On the fly	Survey type	Real-time		
Survey event									
Survey event		End survey							
Rover options									
Elevation mask	13	PDOP mask	6						
Rover options									
Elevation mask	13	PDOP mask	6						
	J.	I.	ı		1	<u> </u>	l.		
Survey event									

Survey event		Rover started							
Note		VRS base: 42°2	2'35.60460", 21°05'0	09.30300", 706.8	65m				
Initialization eve	nt: RTK initialized								
GPS week	2370	Seconds	458774	Initialization type	On the fly	Survey type	Real-time		
GNSS receiver	l		l	191-	l		l		
Receiver type		R10							
Serial number Firmware versi	on	5452489155 4.9							
Antenna type		R10 Internal							
Measurement in Tape adjustme		Bottom of quick 0.000	release						
Horizontal offs	et	0.000							
Vertical offset		0.199							
Point	Auto0010	X Method	4403429.015 Network RTK		1697900.555 Rapid point	Z Search class	4277072.148 As-staked	Code	PDFndarj 10967
Antenna	2.000		Uncorrected			Vt Prec	0.022		
height QC 1	2.000	PDOP		GDOP		HDOP		VDOP	1.5
		Base data age		Satellites	11	Positions	1		
Stake out poin	(Auto0010)		 DFndarj 10967Code:			used		<u> </u>	
Method		To the point							
Stakeout	Deltas: Grid	Δ North	0.013	Δ East	-0.025	ΔElev	-706.599		
Initialization eve	nt: RTK not initialized	I							
GPS week	2370	Seconds	458868	Initialization type	On the fly	Survey type	Real-time		
Initialization eve	nt: RTK initialized								
GPS week	2370	Seconds	458909	Initialization type	On the fly	Survey type	Real-time		
Point	Auto0011	Х	4403442.236	Υ	1697910.033	Z	4277056.960	Code	PDFndarj 11049
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	2.000	Туре	Uncorrected	Hz Prec	0.011	Vt Prec	0.018		
QC 1		PDOP	1.7	GDOP		HDOP	0.8	VDOP	1.5
		Base data age	1	Satellites	12	Positions used	1		
Stake out line (Auto0011)	To the line	ndarj 11049 Code:						
Station Elevation		12.718 0.000							
Stakeout	Deltas: Grid		-0.005	Δ East	-0.001	ΔElev	-707.994		
Stakeout	Deltas: Linear	Δ Station	?	ΔOffset	0.005	ΔElev	-707.994	Grade to line	-13217592.96%
Initialization eve	nt: RTK not initialized	i							
GPS week	2370	Seconds	459021	Initialization type	On the fly	Survey type	Real-time		
Note		New base statio	n detected						
Note		VRS base: 42°2	2'33.96240", 21°05'	10.01760", 710.9	38m				
Initialization eve	nt: RTK initialized	-		1					· · · · · · · · · · · · · · · · · · ·
GPS week	2370	Seconds	459092	Initialization type	On the fly	Survey type	Real-time		
Point	Auto0012	X Method	4403457.831 Network RTK		1697927.344 Rapid point	Z Search class	4277035.849 As-staked	Code	PDFndarj 10995
Antenna	2.000		Uncorrected			Vt Prec	0.010		
height QC 1		PDOP	1.7	GDOP	2.3	HDOP	0.8	VDOP	1.5
		Base data age	1	Satellites	12	Positions used	1		
Stake out poin	t (Auto0012)	Design point: PI To the point	DFndarj 10995Code:						
Stakeout	Deltas: Grid	-	-0.006	Δ East	0.014	ΔElev	-709.115		
Point	Auto0013	X Method	4403466.550 Network RTK		1697894.857 Rapid point	Z Search class	4277044.091 As-staked		PDFndarj 11022
Antenna	2.000	Туре	Uncorrected			Vt Prec	0.014		
height									

QC 1	I	PDOP	1.9	GDOP	2.4	HDOP	0.9	VDOP	1.6
		Base data age	2	Satellites	11	Positions used	1		
Stake out point	t (Auto0013)	Design point: PE	DFndarj 11022Code:	<u> </u>	<u>I</u>	uoou	<u> </u>		
Stakeout	Deltas: Grid	· ·	-0.004	Δ East	-0.025	ΔElev	-712.045		
Initialization ever	nt: RTK not initialized	d							
GPS week	2370	Seconds	459187	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2370	Seconds	459709	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	,		, , ,		·			
GPS week	2370	Seconds	459348	Initialization type	On the fly	Survey type	Real-time		
Initialization even	nt: PTK initialized			1940		<u> </u>			
GPS week	nt: RTK initialized	Seconds	459351	Initialization	On the flv	Survey type	Real-time		
				type		, ., ,	1.33.1.110	<u> </u>	
Initialization ever	nt: RTK not initialized	<u> </u>		e		1			,
GPS week	2370	Seconds		Initialization type	On the fly	Survey type	Real-time		
Note		New base station							
Note		VRS base: 42°2	2'33.15540", 21°05'1	1.80920", 706.7	68m				
Initialization ever	nt: RTK initialized	1		laitialiantian					1
GPS week	2370	Seconds	459432	Initialization type	On the fly	Survey type	Real-time		
Point	Auto0014	X Method	4403464.625 Network RTK		1697969.250 Rapid point	Z Search class	4277008.704 As-staked	Code	ParcKojs 10078
Antenna	2.000		Uncorrected	••		Vt Prec	0.020		
height QC 1		PDOP	1.8	GDOP	2.4	HDOP	0.9	VDOP	1.6
		Base data age	2	Satellites	12	Positions used	1		
Stake out point	t (Auto0014)		arcKojs 10078Code:		<u> </u>	usea			
Method Stakeout	Deltas: Grid	To the point A North	0.011	Δ East	-0.035	ΔElev	-706.640		
									1
Point	Auto0015	X Method	4403432.840 Network RTK		1697954.322 Rapid point	Z Search class	4277044.166 As-staked	Code	ParcKojs 9950
Antenna	2.000	Туре	Uncorrected			Vt Prec	0.027		
height QC 1		PDOP	2.0	GDOP	2.6	HDOP	0.9	VDOP	1.8
		Base data age	1	Satellites	11	Positions used	1		
Stake out point	t (Auto0015)	Design point: Pa	rcKojs 9950Code:	<u> </u>	<u> </u>	useu		<u> </u>	1
Stakeout	Deltas: Grid	· ·	0.007	Δ East	0.030	ΔElev	-704.665		
Initialization ever	nt: RTK not initialized	d							
GPS week	2370	Seconds		Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								,
GPS week	2370	Seconds		Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized								,
GPS week	2370	Seconds		Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized	<u>, </u>	<u> </u>	-	I.	1		ı	
GPS week	2370	Seconds	459858	Initialization type	On the fly	Survey type	Real-time		

ou. 10, 010									
Survey event		End survey							
Rover options									
Elevation mask	13	PDOP mask	6						
Rover options									
Elevation mask	13	PDOP mask	6						
Survey event									
Survey event		Rover started							
Note		VRS base: 42°2	1'16.06860", 20°59'1	17.07000", 1191.	.292m				
Initialization eve	nt: RTK initialized								
GPS week	2370	Seconds	461470	Initialization type	On the fly	Survey type	Real-time		
Initialization eve	nt: RTK not initialized	d							
GPS week	2370	Seconds	461517	Initialization type	On the fly	Survey type	Real-time		
Initialization eve	nt: RTK initialized								
GPS week	2370	Seconds	461538	Initialization type	On the fly	Survey type	Real-time		
GNSS receiver									
Receiver type		R10							
Serial number Firmware versi	ion	5452489155 4.9							
Antenna type		R10 Internal							
Measurement i		Bottom of quick	release						
Tape adjustme Horizontal offs		0.000							
Vertical offset	eı	0.000							
Point	Auto0016	v	4408209.890	v	1691084.573	7	4275579.869	Codo	Ndarjet 1044
Point	Autouoto	Method	Network RTK			Search class	As-staked		Ndarjet 1044
Antenna	2 000	Туре	Uncorrected			Vt Prec	0.016		
height QC 1	2.000	PDOP		GDOP		HDOP		VDOP	1.8
40 1		Base data age		Satellites		Positions used	1.5	1501	1.
Stake out poin	t (Auto0016)	Design point: No	larjet 10448Code:	1	ı.	1	1	1	
Stakeout	Deltas: Grid	· ·	-0.029	Δ East	0.025	ΔElev	-1190.189		
Point	Auto0017	X Method	4408197.352 Network RTK		1691063.083 Rapid point	Z Search class	4275603.672 As-staked		Ndarjet 10423
Antenna	2 000		Uncorrected			Vt Prec	0.018		
height	2.000	Туре							
QC 1		PDOP		GDOP		HDOP Positions used	1.0	VDOP	1.8
Otalia :	/At-0047)	Base data age		Satellites	11	used	1		
Stake out point Method	t (Auto0017)	Design point: No To the point	larjet 10423Code:						
Stakeout	Deltas: Grid	· ·	0.021	Δ East	-0.010	ΔElev	-1191.887		
			3.321		3.510		1 75 11501		
Reduced points	5								
•									

Point	fe12	North	4692048.444	East	7507482.713	Elevation	669.854	Code	
Point	fe12mm	North	4692048.437	East	7507482.715	Elevation	669.863	Code	
Point	Auto0000	North	4692938.577	East	7507051.791	Elevation	713.432	Code	PDFndarj 10994
Point	Auto0001	North	4692954.140	East	7507058.625	Elevation	712.042	Code	PDFndarj 11022
Point	Auto0002	North	4692950.029	East	7507074.964	Elevation	710.888	Code	PDFndarj 11021
Point	Auto0003	North	4692945.695	East	7507092.102	Elevation	709.107	Code	PDFndarj 10995
Point	Auto0004	North	4692970.611	East	7507100.628	Elevation	706.246	Code	PDFndarj 11023
Point	Auto0005	North	4692967.842	East	7507103.043	Elevation	705.947	Code	ParcelaB 10496
Point	Auto0006	North	4692958.526	East	7507106.067	Elevation	706.476	Code	ParcelaB 10500
		Î	Î	1	Î	Î	Î		

Point	Auto0007	North	4692978.298	East	7507069.154	Elevation	709.028	Code	PDFndarj 11050
Point	101	North	4692979.257	East	7507065.224	Elevation	1.000	Code	PDFndarj 11050
Point	Auto0008	North	4692979.247	East	7507065.216	Elevation	709.220	Code	101
Point	Auto0009	North	4693000.432	East	7507074.453	Elevation	706.636	Code	ParcelaB 10492
Point	Auto0010	North	4692997.107	East	7507077.407	Elevation	706.599	Code	PDFndarj 10967
Point	Auto0011	North	4692975.283	East	7507081.515	Elevation	707.994	Code	PDFndarj 11049
Point	Auto0012	North	4692945.699	East	7507092.083	Elevation	709.115	Code	PDFndarj 10995
Point	Auto0013	North	4692954.147	East	7507058.634	Elevation	712.045	Code	PDFndarj 11022
Point	Auto0014	North	4692911.257	East	7507128.767	Elevation	706.640	Code	ParcKojs 10078
Point	Auto0015	North	4692961.049	East	7507126.224	Elevation	704.665	Code	ParcKojs 9950
Point	Auto0016	North	4690533.468	East	7499002.604	Elevation	1190.189	Code	Ndarjet 10448
Point	Auto0017	North	4690564.124	East	7498987.038	Elevation	1191.887	Code	Ndarjet 10423