Survey Report

Job name 187-1-zaskok Creation date 19 Sep 2025

Version Trimble General Survey 3.21

Distance Units
Angle units
Pressure Units
Temperature Units

Meters
Gons
mbar
Celsius
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

None

Local site

Туре

Type Grid

Datum transformation

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
LiBriany File Name
LiRiDON
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

Elevation	13 PDOP ma	ask (3			
mask						

Rover options

Rover options

Elevation mask	13	PDOP mask	6			

Survey event									
Survey event		Rover started							
Note		VRS base: 42°2	1'29.87520", 21°09'0)1.51440", 617.8	889m				
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	481913	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized								
GPS week	2384	Seconds	482092	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	482101	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	i							
GPS week	2384	Seconds		Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	482107	Initialization type	On the fly	Survey type	Real-time		
GNSS receiver		!	!	1 200			!	!	
Receiver type Serial number Firmware versic Antenna type Measurement n Tape adjustmen Horizontal offset	nethod nt	R10 5452489155 4.9 R10 Internal Bottom of quick 0.000 0.000 0.199	release						
Point	Auto0000	X Method	4402716.807 Network RTK		1703335.299	Z Search class	4275507.931	Code	parcelab 10075
Antenna	2.000		Uncorrected	••		Vt Prec	As-staked 0.049		
height QC 1		PDOP		GDOP	10.2	HDOP		VDOP	6.6
		Base data age	1	Satellites	9	Positions used	1		
Stake out line (A Method Station Elevation		To the line 0.472 0.000	elab 10075 Code:	la F		AFI			
Stakeout Stakeout	Deltas: Grid Deltas: Linear			Δ East ΔOffset	-0.024	ΔElev ΔElev	-608.360 -608.360	Grade to line	-2567541.44%
Point	Auto0001		4402718.772		1703336.115		4275505.016		
	Aut00001	Method	Network RTK			Z Search class	4275505.016 As-staked		parcelab 9936
Antenna height	2.000		Uncorrected			Vt Prec	0.044		
QC 1		PDOP		GDOP	5.8	HDOP Positions	1.2	VDOP	3.7
Stake out point	(Auto0001)	Base data age	1 rcelab 9936Code:	Satellites	10	used	1		
Method		To the point							
Stakeout	Deltas: Grid	Δ North	0.006	Δ East	-0.020	ΔElev	-607.967		
Point	Auto0002	X Method	4402719.602 Network RTK		1703336.335 Rapid point	Z Search class	4275504.228 As-staked		parcelab 9940
Antenna height	2.000		Uncorrected			Vt Prec	0.042		
QC 1		PDOP	3.8	GDOP	5.7	HDOP	1.2	VDOP	3.6
		Base data age		Satellites	10	Positions used	1		
Stake out point Method	(Auto0002)	Design point: pa	rcelab 9940Code:						
Stakeout	Deltas: Grid	-	0.014	Δ East	0.074	ΔElev	-608.067		
Point	Auto0003	X Method	4402714.930 Network RTK		1703347.755 Rapid point	Z Search class	4275504.550 As-staked	Code	parcelab 9932
Antenna	2.000		Uncorrected			Vt Prec	As-staked 0.045		
height	2.000	. , , , ,	Onconected	1.21160	0.015		0.043		

QC 1		PDOP	2.7	GDOP	4.0	HDOP	1.2	VDOP	2.4
		Base data age	1	Satellites	10	Positions used	1		
Warnings (Aut	00003)	Poor p	recision						
Stake out point	t (Auto0003)	Design point: pa	rcelab 9932Code:						
Stakeout	Deltas: Grid		-0.861	Δ East	0.095	ΔElev	-608.109		
Lee Pool	· DTK · · · · · ·								
Initialization ever	nt: RTK not initialized	i 			Υ	7	<u></u>		
GPS week	2384	Seconds	482500	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	482501	Initialization type	On the fly	Survey type	Real-time		
	<u> </u>			туре	<u> </u>				
Initialization ever	nt: RTK not initialized	t							
GPS week	2384	Seconds	482502	Initialization type	On the fly	Survey type	Real-time		
	<u>I</u>	Į		3,60	<u>I</u>	Į.			
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	482503	Initialization type	On the fly	Survey type	Real-time		
				31.					
Initialization ever	nt: RTK not initialized	d 							
GPS week	2384	Seconds	482504	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	482520	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	d 							
GPS week	2384	Seconds	482522	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	482525	Initialization	On the fly	Survey type	Real-time		
	<u> </u>			type					
Initialization ever	nt: RTK not initialized	d							
GPS week	2384	Seconds	482526	Initialization type	On the fly	Survey type	Real-time		
	<u> </u>			туре	<u> </u>				
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	482543	Initialization type	On the fly	Survey type	Real-time		
	<u> </u>			турс	<u> </u>				
Initialization ever	nt: RTK not initialized	d							
GPS week	2384	Seconds	482550	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized				l.		,		
ODGls	0004	0	400550	Initialization	0-4	S	Da al timo		
GPS week	2384	Seconds	482553	type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	i							
GPS week	2384	Seconds	482563	Initialization type	On the fly	Survey type	Real-time		
							,		
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	482565	Initialization type	On the fly	Survey type	Real-time		
				· ·					
Initialization ever	nt: RTK not initialized	t							
GPS week	2384	Seconds	482575	Initialization type	On the fly	Survey type	Real-time		
	I.	l	I			L		<u> </u>	

Initialization event: RTK not initialized									
GPS week	2384	Seconds	482780	Initialization type	On the fly	Survey type	Real-time		
Initialization event: RTK initialized									

GPS week	2384	Seconds	482888	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	i							
GPS week	2384	Seconds	482890	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds		Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	i							
GPS week	2384	Seconds	482918	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	482937	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	i							
GPS week	2384	Seconds	482938	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	482941	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	i							
GPS week	2384	Seconds	482943	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	482983	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	i							
GPS week	2384	Seconds	482991	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds		Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	i							
GPS week	2384	Seconds	483572	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	483573	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	d							
GPS week	2384	Seconds	483615	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	483616	Initialization type	On the fly	Survey type	Real-time		
Point	v4	North	4691608.086	East	7510693.841	Elevation	0.100	Code	
	nt: RTK not initialized			Initialization	2 :: -				
GPS week	2384	Seconds		type	On the fly	Survey type	Real-time		
	nt: RTK initialized			Initialization					
GPS week	2384	Seconds		type	On the fly	Survey type	Real-time		

Point	fe01m	х	4402970.989	Υ	1701599.153	z	4276010.655	Code	
		Method	Network RTK		Observed control	Soarch class	Normal		
Antenna			NOWORKKIK	. , po	point		Noma		
height	2.000	Туре	Uncorrected	Hz Prec	0.013	Vt Prec	0.022		
QC 1		PDOP	1.8	GDOP	2.6	HDOP	1.0	VDOP	1.5
		Base data age	1	Satellites	12	Positions used	11		
QC 2		VCV xx (m²)	0.000239	VCV xy (m²)	0.000047	VCV xz (m²)	0.000194		
				VCV yy (m²)	1	VCV yz (m²)	0.000040		
						VCV zz (m²)	0.000307		
Survey event									
Survey event		End survey							
ourvey event		Life Survey							
Rover options									
Elevation mask	13	PDOP mask	6						
									'
Rover options									
Elevation			-						
mask	13	PDOP mask	6						
Survey event									
Survey event		Rover started							
-			AIA 74440" C	44.00000# 5:::	00				
Note		VRS base: 42°2	1'14.71140", 21°07' ⁴	41.92980", 644.1	UUM				
Initialization ever	nt: RTK initialized								
GPS week	2204	Seconds	491886	Initialization	On the fire	Survoy turns	Doct time -		
Gro week	2384	Seconds	491886	type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	d							
GPS week	2384	Seconds	491890	Initialization	On the fly	Survey type	Real-time		
2. 2 HOOR	2004		401090	type	Cit die ny		T.Car tille		
1 90 0									
Initialization ever	nt: RTK initialized								
GPS week	2384	Seconds	491919	Initialization type	On the flv	Survey type	Real-time		
				гуре	1	, ,,,			
GNSS receiver									
Receiver type		R10							
Serial number Firmware versi	on	5452489155 4.9							
Antenna type		R10 Internal							
Measurement r	nethod	Bottom of quick	release						
Tape adjustme		0.000							
Horizontal offs	et	0.000							
Vertical offset		0.199							
Point	Auto0004		4403692.086		1701728.567		4275187.226	Code	Ndarjet 10004
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	1.800	Туре	Uncorrected	Hz Prec	0.006	Vt Prec	0.014		
QC 1		PDOP	1.7	GDOP	2.2	HDOP	0.8	VDOP	1.5
		Base data age	1	Satellites	14	Positions used	1		
Stake out point	 	_	darjet 10004Code:			usea			
Method	(Auto000#)	To the point	aarjet 10004000e:						
Stakeout	Deltas: Grid	· ·	0.003	Δ East	0.006	ΔElev	-636.497		
Point	Auto0005	X Method	4403711.855 Network RTK		1701723.286	Z Search class	4275170.609 As-staked		Ndarjet 10000
Antenna					, ,				
height	1.800	Туре	Uncorrected			Vt Prec	0.015		
QC 1		PDOP	1.7	GDOP	2.2	HDOP	0.8	VDOP	1.5
		Base data age	1	Satellites	14	Positions used	1		
Stake out point	t (Auto0005)	Design point: No	darjet 10000Code:						-
Method		To the point							
Stakeout	Deltas: Grid	Δ North	-0.010	Δ East	0.001	ΔElev	-637.522		
Point	Auto0006	x	4403740.847	Υ	1701714.829	Z	4275146.405	Code	Ndarjet 9975
	, 100000	Method	Network RTK			Search class	As-staked		14ddijot 3973
	I	1	I	I	1		I	l	

Antenna	1.800	Туре	Uncorrected	Hz Prec	0.008	Vt Prec	0.017		
height		DDOD.	4.7	CDOD	0.0	LIDOD	0.0	VDOD	4.5
QC 1		PDOP	1.7	GDOP		HDOP Positions	0.8	VDOP	1.5
		Base data age	3	Satellites	14	Positions used	1		
Stake out point	(Auto0006)	Design point: Nda	arjet 9975Code:						
Method		To the point							
Stakeout	Deltas: Grid	Δ North	0.004	Δ East	0.003	ΔElev	-638.947		
Point	Auto0007	x	4403740.287	Y	1701743.208	7	4275135.890	Code	Ndarjet 10184
1 Ollit	Autocour	Method	Network RTK			Search class	As-staked		redaijet 10104
Antenna height	1.800	Туре	Uncorrected	Hz Prec	0.008	Vt Prec	0.018		
QC 1		PDOP	1.7	GDOP	2.1	HDOP	0.8	VDOP	1.5
		Base data age	1	Satellites	14	Positions used	1		
Stake out point	(Auto0007)	Design point: Nda	ariet 1018/Code:			useu			
Method	(Autouor)	To the point	arjet 1010400de.						
Stakeout	Deltas: Grid	Δ North	-0.008	Δ East	-0.010	ΔElev	-639.037		
D - i - 4	A t = 0000	v	4400000 007	\ <u>\</u>	4704757.005	-	4075477.000	0-4-	Nd
Point	Auto0008	Method	4403690.297		1701757.835		4275177.889	Code	Ndarjet 10159
Antenna			Network RTK	• •		Search class	As-staked		
height	1.800	Туре	Uncorrected	Hz Prec	0.006	Vt Prec	0.015		
QC 1		PDOP	1.7	GDOP	2.1	HDOP	0.8	VDOP	1.5
		Base data age	1	Satellites	14	Positions used	1		
Stake out point	(Auto0008)	Design point: Nda	arjet 10159Code:						
Method		To the point							
Stakeout	Deltas: Grid	Δ North	0.022	Δ East	-0.005	ΔElev	-636.769		
Point	Auto0009	x	4403740.290	Y	1701743.202	7	4275135.914	Code	Ndarjet 10184
	7.0.0000	Method	Network RTK	1		Search class	As-staked		ridanjot 10101
Antenna	1 000								
height	1.800	Туре	Uncorrected			Vt Prec	0.015		
QC 1		PDOP	1.6	GDOP	2.1	HDOP	0.8	VDOP	1.4
		Base data age	1	Satellites	14	Positions used	1		
Stake out point	(Auto0009)	Design point: Nda	arjet 10184Code:						
Method		To the point							
Stakeout	Deltas: Grid	Δ North	-0.025	Δ East	-0.003	ΔElev	-639.054		
Point	Auto0010	Y	4403720.968	v	1701748.934	7	4275152.360	Code	Ndarjet 10183
· Oiiit	7.0.00010	Method	Network RTK		1	Search class	As-staked		radajet 10100
Antenna	1.800	Туре	Uncorrected			Vt Prec	0.015		
height QC 1		PDOP		GDOP		HDOP		VDOP	1.4
		Base data age		Satellites		Positions	1		
Stake out line (Auto0010)	Line name: Ndari	et 10183 Code:	ļ	<u>l</u>	used			
Method	A4000 10)	To the line	ct 10105 Code.						
Station		40.864							
Elevation		0.000							
Stakeout	Deltas: Grid		0.003	Δ East	0.006	ΔElev	-638.341		
MARKUIII	Delias. Gila	ANOIGH	-0.003	∆ Easi	0.006	TEICA	-030.341		
Stakeout	Deltas: Linear	A Station	2	ΔOffset	0.007	ΔElev	600 044	Grade to line	-9141069.66%

Survey event

Survey event End survey

Reduced points

Point	Auto0000	North	4690977.400	East	7512405.489	Elevation	608.360	Code	parcelab 10075
Point	Auto0001	North	4690973.813	East	7512405.548	Elevation	607.967	Code	parcelab 9936
Point	Auto0002	North	4690972.656	East	7512405.456	Elevation	608.067	Code	parcelab 9940
Point	Auto0003	North	4690973.075	East	7512417.789	Elevation	608.109	Code	parcelab 9932
Point	v4	North	4691608.086	East	7510693.841	Elevation	0.100	Code	
Point	fe01m	North	4691608.076	East	7510693.810	Elevation	659.608	Code	
Point	Auto0004	North	4690514.998	East	7510556.277	Elevation	636.496	Code	Ndarjet 10004
Point	Auto0005	North	4690491.565	East	7510544.263	Elevation	637.522	Code	Ndarjet 10000
Point	Auto0006	North	4690457.492	East	7510525.979	Elevation	638.947	Code	Ndarjet 9975
Point	Auto0007	North	4690443.224	East	7510552.668	Elevation	639.037	Code	Ndarjet 10184
Point	Auto0008	North	4690502.160	East	7510584.236	Elevation	636.769	Code	Ndarjet 10159
Point	Auto0009	North	4690443.242	East	7510552.661	Elevation	639.054	Code	Ndarjet 10184
Point	Auto0010	North	4690466.160	East	7510564.935	Elevation	638.341	Code	Ndarjet 10183