Survey Report

 Job name
 337-1-nere_ul

 Creation date
 17 May 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

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

None

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 Inc.

Increase North-East 0.0000

Magnetic declination 0.0000
Distances Grid
Neighborhood adjustment Off

Elevation	13 PDOP mask	6			
mask	13 PDOP mask	0			

Rover options

Rover options

Elevation mask	13	PDOP mask	6			

Rover options									
Elevation mask	13	PDOP mask	6						
	<u>I</u>	l	<u>I</u>		J	J	<u>I</u>		
Survey event									
Survey event		Rover started							
Note		VRS base: 42°2	2'13.41480", 21°06'3	31.33800", 660.4	ŀ87m				
Initialization ever	nt: RTK initialized	•							
GPS week	2359	Seconds	139438	Initialization	On the fly	Survey type	Real-time		
GF3 Week	2336	Seconds	139430	type	On the hy	Survey type	i Near-time		
GNSS receiver									
Receiver type Serial number		R10 5452489155							
Firmware versi	on	4.9							
Antenna type		R10 Internal							
Measurement n Tape adjustmen		Bottom of quick 0.000	release						
Horizontal offs		0.000							
Vertical offset		0.199							
Point	Auto0000	Х	4403136.807	Υ	1699792.770	Z	4276530.239	Code	ParcelaB 9988
Antorna		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	2.300	Туре	Uncorrected	Hz Prec	0.012	Vt Prec	0.024		
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 point	t (Auto0000)		arcelaB 9988Code:		•	*	•		
Method Stakeout	Deltas: Grid	To the point Δ North	-0.023	Δ East	0.048	ΔElev	-642.849		
Point	Auto0001	X Method	4403142.930 Network RTK		1699781.829 Rapid point	Z Search class	4276528.712 As-staked	Code	ParcelaB 9992
Antenna	2 300	Туре	Uncorrected			Vt Prec	0.026		
height QC 1	2.000	PDOP		GDOP		HDOP		VDOP	1.8
		Base data age		Satellites	11	Positions	1	100.	1
Stake out point	(Auto0001)		arcelaB 9992Code:		<u> </u>	used			
Method		To the point				,			
Stakeout	Deltas: Grid	Δ North	-0.051	Δ East	-0.001	ΔElev	-643.130		
Point	Auto0002		4403134.286		1699775.305		4276539.608	Code	ParcRe 11103
Antenna		Method	Network RTK			Search class	As-staked		
height	2.300	Туре	Uncorrected			Vt Prec	0.071		
QC 1		PDOP		GDOP	5.8	HDOP Positions		VDOP	3.8
		Base data age		Satellites	7	used	1		
Stake out point Method	t (Auto0002)	Design point: Pa	arcRe 11103Code:						
Stakeout	Deltas: Grid		-0.066	Δ East	0.296	ΔElev	-642.779		
Point	Auto0003		4403136.341	Υ	1699777.127		4276536.523	Code	ParcRe 11102
	, 13100000	Method	Network RTK			Search class	As-staked	3540	1 01010 11102
Antenna height	2.300	Туре	Uncorrected	Hz Prec	0.013	Vt Prec	0.026		
QC 1		PDOP	3.0	GDOP	4.2	HDOP	1.1	VDOP	2.8
		Base data age	1	Satellites	10	Positions used	1		
Stake out point	t (Auto0003)		arcRe 11102Code:						`
Method Stakeout	Deltas: Grid	To the point	0.030	Δ East	0.007	ΔElev	-642.601		
Point	Auto0004		4403140.945		1699770.711		4276535.265	Code	ParcRe 11068
Antenna	0.000	Method	Network RTK			Search class	As-staked		
height	2.300	Туре	Uncorrected			Vt Prec	0.029	VDCD	
QC 1		PDOP		GDOP	4.1	HDOP Positions		VDOP	2.7
		Base data age		Satellites	10	used	1		
Stake out point Method	t (Auto0004)	Design point: Pa	arcRe 11068Code:						
Stakeout	Deltas: Grid		-0.025	Δ East	0.076	ΔElev	-643.219		

Point	Auto0005		4403139.044		1699768.662		4276538.019	Code	ParcRe 11056
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	2.300	Туре	Uncorrected	Hz Prec	0.021	Vt Prec	0.031		
QC 1		PDOP	3.6	GDOP	5.0	HDOP	2.2	VDOP	2.9
		Base data age	1	Satellites	7	Positions used	1		
Stake out point	(Auto0005)	Design point: Pa	ı arcRe 11056Code:		<u> </u>	useu			<u> </u>
Method	,	To the point							
Stakeout	Deltas: Grid	Δ North	-0.054	Δ East	0.032	ΔElev	-643.221		
Initialization ever	nt: RTK not initialized	d							
GPS week	2358	Seconds	139881	Initialization	On the fly	Survey type	Real-time		
				type	,	7 31			
Initialization ever	nt: RTK initialized								
GPS week	2358	Seconds	139882	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	i							
one :	22==	0	10005	Initialization	0		5		
GPS week	2358	Seconds	139883	type	On the fly	Survey type	Real-time		
Point	Auto0006	х	4403148.495	Υ	1699762.496	z	4276536.127	Code	ParcRe 11030
	, 13100000	Method	Code			Search class	As-staked		. 2.3.10 11000
Antenna	2.300	Туре	Uncorrected	Hz Prec	2.415	Vt Prec	2.123		
height QC 1		PDOP		GDOP		НДОР		VDOP	2.0
		Base data age		Satellites	11	Positions	0		
				Jatemites	11	used			
Warnings (Aut			precision						
	storage (Auto0006)		precision						
Stake out point Method	t (Auto0006)	To the point	arcRe 11030Code:						
Stakeout	Deltas: Grid		-1.315	Δ East	-0.615	ΔElev	-646.819		
	J.								
Initialization ever	nt: RTK initialized								
GPS week	2358	Seconds	139928	Initialization type	On the fly	Survey type	Real-time		
1-141-1141	-4. DTI/4 !!#!-!!								
milianzation ever	nt: RTK not initialized	, 	1		1				
GPS week	2358	Seconds	139929	Initialization type	On the fly	Survey type	Real-time		
		ļ	<u>I</u>	91-	<u>I</u>				
Initialization ever	nt: RTK initialized								
	1	1	T	Initialization	T			1	
GPS week	2358	Seconds	1.399.30	type	On the fly	Survey type	Real-time		
Point	Auto0007	Х	4403147.764	Υ	1699747.889	Z	4276537.045	Code	ParcRe 11022
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	2.300	Туре	Uncorrected	Hz Prec	0.011	Vt Prec	0.024		
QC 1		PDOP	2.2	GDOP	3.0	НДОР	1.0	VDOP	2.0
		Base data age	1	Satellites	10	Positions	1		
Stake out point	(Auto0007)	Design point: Pa	arcRe 11022Code:			used		<u> </u>	
Method		To the point	,		,				
Stakeout	Deltas: Grid	Δ North	0.056	Δ East	0.006	ΔElev	-643.047		
Initialization ever	nt: RTK not initialized	1							
anzadon evel		-	1		1			r	
GPS week	2358	Seconds	139984	Initialization type	On the fly	Survey type	Real-time		
Survey event									
Survey event		End survey							
Survey event		End survey							
Rover options		End survey							
	13	End survey PDOP mask	6						
Rover options Elevation	13		6						

Elevation mask	13	PDOP mask	6						
Survey event									
Survey event		Rover started							
Note		VRS base: 42°2	2'13.98600", 21°06'2	29.13660", 642.3	10m				
Initialization ever	nt: RTK initialized								
GPS week	2358	Seconds	140056	Initialization type	On the fly	Survey type	Real-time		
GNSS receiver									
Receiver type		R10							
Serial number		5452489155							
Firmware versi Antenna type	on	4.9 R10 Internal							
Measurement n	nethod	Bottom of quick	release						
Tape adjustme		0.000							
Horizontal offset		0.000 0.199							
- Citical Oliset									
Point	Auto0008		4403146.647		1699756.447		4276535.316	Code	ParcRe 11018
Antonna		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	2.300	Туре	Uncorrected	Hz Prec	0.026	Vt Prec	0.044		
QC 1		PDOP	2.5	GDOP	3.5	HDOP	1.4	VDOP	2.1
		Base data age	1	Satellites	8	Positions used	1		
Stake out point	t (Auto0008)	Design point: Pa	arcRe 11018Code:	I.	I.	Į.		1	
Method		To the point				1			
Stakeout	Deltas: Grid	Δ North	0.107	∆ East	-0.222	ΔElev	-643.389		
Initialization ever	nt: RTK not initialized	I							
GPS week	2358	Seconds	140129	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2358	Seconds	1411144	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	I							
GPS week	2358	Seconds	140155	Initialization	On the fly	Survey type	Real-time		
Of 6 week	2000	Occonas	140100	type	On the hy	ourvey type	rtear time		
Initialization ever	nt: RTK initialized								
GPS week	2358	Seconds	140181	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	I							
GPS week	2358	Seconds	140183	Initialization	On the flv	Survey type	Real-time		
			1.0.30	type		., 5/10	1	<u> </u>	<u> </u>
	nt: RTK initialized			Initialization		1			
GPS week	2358	Seconds	140198	Initialization type	On the fly	Survey type	Real-time		
Point	Auto0009		4403154.129		1699753.967		4276528.767	Code	ParcRe 11026
Antenna		Method	Network RTK			Search class	As-staked		
height	2.300	Туре	Uncorrected	Hz Prec	0.018	Vt Prec	0.032		
QC 1		PDOP	2.0	GDOP	2.7	HDOP	0.9	VDOP	1.8
		Base data age	1	Satellites	11	Positions used	1		
Stake out point	t (Auto0009)	Design point: Pa	arcRe 11026Code:						
Method	_	To the point		I	1	1	,		
Stakeout	Deltas: Grid	Δ North	2.072	Δ East	-0.396	ΔElev	-643.472		
Point	Auto0010	Х	4403116.586	Υ	1699832.687	Z	4276534.530	Code	ParcelaB 9980
		Method	Network RTK			Search class	As-staked		
Antenna height	2.300	Туре	Uncorrected	Hz Prec	0.015	Vt Prec	0.026		
QC 1		PDOP	1.7	GDOP	2.2	НДОР	0.8	VDOP	1.4
						Positions			

		Base data age	1	Satellites	12	used	1		
Stake out point	(Auto0010)	"	arcelaB 9980Code:		'		1		
Method Stakeout	Deltas: Grid	To the point Δ North	-0.021	Δ East	0.012	ΔElev	-642.426		
D.:t	At-0044	v	4400444 400	lv.	1699836.987	-	4070505 000	0-4-	DD- 44750
Point	Auto0011	X Method	4403114.422 Network RTK			Search class	4276535.082 As-staked		ParcRe 11758
Antenna	2.300	Туре	Uncorrected	Hz Prec	0.018	Vt Prec	0.031		
height QC 1		PDOP	1.7	GDOP	2.2	HDOP	0.8	VDOP	1.4
		Base data age	2	Satellites	12	Positions used	1		
Stake out point	: (Auto0011)	Design point: Pa	rcRe 11758Code:			useu	I		
Method		To the point				l		1	1
Stakeout	Deltas: Grid	Δ North	0.001	Δ East	-0.051	ΔElev	-642.450		
Point	Auto0012		4403109.677	1	1699833.720		4276541.066		ParcRe 11733
Antenna	0.000	Method	Network RTK			Search class	As-staked		
height QC 1	2.300	PDOP	Uncorrected	GDOP		Vt Prec	0.032	VDOP	1.4
QC 1				Satellites	12	Positions	0.0	VDOP	1.4
04-14	· (A+-0040)	Base data age		Satemites	12	used	ı		
Stake out point Method	(Auto0012)	To the point	arcRe 11733Code:						
Stakeout	Deltas: Grid	Δ North	-0.011	Δ East	-0.006	ΔElev	-642.343		
Point	Auto0013	x	4403109.361	Υ	1699814.762	z	4276548.940	Code	ParcRe 11128
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	2.300	Туре	Uncorrected	Hz Prec	0.017	Vt Prec	0.029		
QC 1		PDOP	1.6	GDOP	2.2	HDOP	0.8	VDOP	1.4
		Base data age	1	Satellites	12	Positions used	1		
Stake out point	(Auto0013)		arcRe 11128Code:		·				
Method Stakeout	Deltas: Grid	To the point Δ North	0.006	Δ East	0.047	ΔElev	-642.387		
Point	Auto0014	X Method	4403114.233 Network RTK		1699817.115 Rapid point	Z Search class	4276543.609 As-staked		ParcRe 11145
Antenna	2.300		Uncorrected			Vt Prec	0.022		
height QC 1		PDOP	1.6	GDOP	2.2	HDOP	0.9	VDOP	1.4
		Base data age	1	Satellites	11	Positions used	1		
Stake out point	: (Auto0014)	Design point: Pa	rcRe 11145Code:			useu	<u> </u>		
Method		To the point		1		l			1
Stakeout	Deltas: Grid	Δ North	0.347	Δ East	-0.364	ΔElev	-642.779		
Point	Auto0015	X Method	4403096.856 Network RTK		1699860.501 Rapid point	Z Search class	4276543.253 As-staked		mungespa 11248
Antenna height	2.300	Туре	Uncorrected	Hz Prec	0.015	Vt Prec	0.024		
QC 1		PDOP	1.8	GDOP	2.5	HDOP	0.9	VDOP	1.6
		Base data age	1	Satellites	11	Positions used	1		
Stake out point	(Auto0015)	Design point: mu	ungespa 11248Code	ə:		1	I	ı	ı
Method Stakeout	Deltas: Grid	To the point	0.016	Δ East	0.051	ΔElev	-642.106		I
Stakeout					0.031	ΔΕΙΕΥ	-042.100		
Point	Auto0016	X Method	4403095.663 Network RTK		1699859.401	Z Search class	4276545.023 As-staked		mungespa 11223
Antenna	2.300		Uncorrected		, ,	Vt Prec	0.023		
height QC 1	2.000	PDOP		GDOP		HDOP		VDOP	1.6
		Base data age		Satellites	11	Positions	1		
Stake out point	(Auto0016)	Design point: mu	 ungespa 11223Code	 e:		used			
Method	,	To the point			,				
Stakeout	Deltas: Grid	Δ North	-0.020	Δ East	0.073	ΔElev	-642.184		
Point	Auto0017		4403082.601		1699875.356	z	4276551.903		mungespa 11499
Antenna		Method	Network RTK			Search class	As-staked		
height	2.300		Uncorrected			Vt Prec	0.022		
QC 1		PDOP		GDOP		HDOP Positions	0.9	VDOP	1.6
		Base data age		Satellites	11	used	1		
	(44-0047)	Design point: mi	ungespa 11499Code	a·					
Stake out point Method	(Autouu17)	To the point	ungespa 11499Code	.					

Point Antenna height QC 1 Stake out point (A Method Stakeout	Auto0018								
height QC 1 Stake out point (A			4403081.521		1699873.044		4276553.900	Code	mungespa 11524
height QC 1 Stake out point (A		Method	Network RTK			Search class	As-staked		
Stake out point (A	2.300	Туре	Uncorrected	Hz Prec	0.016	Vt Prec	0.020		
Method		PDOP	2.1	GDOP	2.9	HDOP	1.2	VDOP	1.8
Method		Base data age	1	Satellites	10	Positions used	1		
_	Auto0018)		ıngespa 11524Code	:					
Stakeout	Daltas, Crid	To the point	0.004	A Foot	0.026	AFIni	642.050		
	Deltas: Grid	Δ North	-0.004	Δ East	-0.026	ΔElev	-642.050		
Initialization event:	RTK not initialized	1							
	Terre not minualization					1			
GPS week	2358	Seconds	141198	Initialization type	On the fly	Survey type	Real-time		
Initialization event:	RTK initialized								
GPS week	2358	Seconds	141198	Initialization	On the fly	Survey type	Real-time		
GF3 Week	2330	Seconds	141190	type	On the hy	Survey type	Near-time		
Point	Auto0019	x	4403080.344	Υ	1699880.758	Z	4276551.882	Code	mungespa 11680
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	2.300	Туре	Uncorrected	Hz Prec	0.013	Vt Prec	0.019		
QC 1		PDOP	1.8	GDOP	2.4	НДОР	0.9	VDOP	1.6
		Base data age	1	Satellites	11	Positions	1		
Stake out point (A	Auto0010)		ingespa 11680Code			used			
Method	Autouu 19)	To the point	ingespa i rooocode						
Stakeout	Deltas: Grid	Δ North	0.022	Δ East	0.051	ΔElev	-641.931		
			4400004 400	.,	400000 705	· -	1070550 101		
Point	Auto0020	X Method	4403081.188 Network RTK		1699882.735 Ranid point	Z Search class	4276550.121 As-staked	Code	mungespa 11655
Antenna	2 200								
height	2.300	Туре	Uncorrected			Vt Prec	0.021		
QC 1		PDOP		GDOP		HDOP Positions	0.9	VDOP	1.6
		Base data age	1	Satellites	11	used	1		
Stake out point (A	Auto0020)	• .	ingespa 11655Code	:					
Method Stakeout	Deltas: Grid	To the point	0.028	Δ East	-0 085	ΔElev	-641.852		
					-0.003	ALIEV	-041.032		
Point	Auto0021	1 1	4403092.786		1699870.296		4276543.413	Code	ParcKojs 11490
Antenna		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
height	2.300	Туре	Uncorrected	Hz Prec	0.014	Vt Prec	0.021		
QC 1		PDOP	1.8	GDOP	2.4	HDOP	0.9	VDOP	1.5
		Base data age	1	Satellites	11	Positions used	1		
Stake out point (A	Auto0021)	Design point: Pa	rcKojs 11490Code:			1			
Method		To the point							
Stakeout	Deltas: Grid	Δ North	0.010	Δ East	0.094	ΔElev	-642.015		
Point	Auto0022	x	4403091.653	Υ	1699869.145	Z	4276545.066	Code	ParcKojs 10884
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		,
	2.300	Туре	Uncorrected	Hz Prec	0.014	Vt Prec	0.021		
Antenna height		PDOP		GDOP	2.4	HDOP	0.9	VDOP	1.5
height									
		Base data age l	1	Satellites	11	Positions	1		
height QC 1	Auto0022)	Base data age		Satellites	11				
height QC 1 Stake out point (A	Auto0022)	Design point: Pa	rcKojs 10884Code:	Satellites	11	Positions			
height QC 1	Auto0022) Deltas: Grid	Design point: Pa	rcKojs 10884Code:	Satellites Δ East		Positions			
height QC 1 Stake out point (A Method Stakeout	Deltas: Grid	Design point: Pa To the point A North	rcKojs 10884Code: -0.012	Δ East	0.011	Positions used	-642.042		
height QC 1 Stake out point (A		Design point: Pa To the point A North	rcKojs 10884Code: -0.012 4403091.088	Δ East	0.011	Positions used AElev	-642.042 4276546.624	Code	ParcKojs 10940
height QC 1 Stake out point (A Method Stakeout	Deltas: Grid Auto0023	Design point: Pa To the point A North X Method	-0.012 4403091.088 Network RTK	Δ East Y Type	0.011 1699866.880 Rapid point	Positions used ΔElev Z Search class	-642.042 4276546.624 As-staked	Code	ParcKojs 10940
height QC 1 Stake out point (A Method Stakeout Point Antenna height	Deltas: Grid	Design point: Pa To the point A North X Method Type	rcKojs 10884Code: -0.012 4403091.088 Network RTK Uncorrected	Δ East Y Type Hz Prec	0.011 1699866.880 Rapid point 0.014	Desirions used ΔΕΙΕΥ Z Search class Vt Prec	-642.042 4276546.624 As-staked 0.021		
height QC 1 Stake out point (A Method Stakeout Point Antenna	Deltas: Grid Auto0023	Design point: Pa To the point A North X Method Type PDOP	-0.012 4403091.088 Network RTK Uncorrected 1.8	Δ East Y Type Hz Prec GDOP	0.011 1699866.880 Rapid point 0.014 2.4	ΔElev Z Search class Vt Prec HDOP	-642.042 4276546.624 As-staked 0.021	Code	ParcKojs 10940
height QC 1 Stake out point (A Method Stakeout Point Antenna height	Deltas: Grid Auto0023	Design point: Pa To the point A North X Method Type	-0.012 4403091.088 Network RTK Uncorrected 1.8	Δ East Y Type Hz Prec	0.011 1699866.880 Rapid point 0.014	Desirions used ΔΕΙΕΥ Z Search class Vt Prec	-642.042 4276546.624 As-staked 0.021		
height QC 1 Stake out point (A Method Stakeout Point Antenna height QC 1 Stake out point (A	Deltas: Grid Auto0023 2.300	Design point: Pa To the point Δ North X Method Type PDOP Base data age Design point: Pa	-0.012 4403091.088 Network RTK Uncorrected 1.8	Δ East Y Type Hz Prec GDOP	0.011 1699866.880 Rapid point 0.014 2.4	Desirions used ΔElev Z Search class Vt Prec HDOP Positions	-642.042 4276546.624 As-staked 0.021		
height QC 1 Stake out point (AMethod Stakeout Point Antenna height QC 1 Stake out point (AMethod	Deltas: Grid Auto0023 2.300 Auto0023)	Design point: Pa To the point Δ North X Method Type PDOP Base data age Design point: Pa To the point	-0.012 4403091.088 Network RTK Uncorrected 1.8 1 rcKojs 10940Code:	Δ East Y Type Hz Prec GDOP Satellites	0.011 1699866.880 Rapid point 0.014 2.4	ΔElev Z Search class Vt Prec HDOP Positions used	-642.042 4276546.624 As-staked 0.021 0.9		
height QC 1 Stake out point (A Method Stakeout Point Antenna height QC 1 Stake out point (A	Deltas: Grid Auto0023 2.300	Design point: Pa To the point Δ North X Method Type PDOP Base data age Design point: Pa To the point	-0.012 4403091.088 Network RTK Uncorrected 1.8 1 rcKojs 10940Code:	Δ East Y Type Hz Prec GDOP	0.011 1699866.880 Rapid point 0.014 2.4	Desirions used ΔElev Z Search class Vt Prec HDOP Positions	-642.042 4276546.624 As-staked 0.021		
height QC 1 Stake out point (AMethod Stakeout Point Antenna height QC 1 Stake out point (AMethod	Deltas: Grid Auto0023 2.300 Auto0023)	Design point: Pa To the point Δ North X Method Type PDOP Base data age Design point: Pa To the point Δ North	-0.012 4403091.088 Network RTK Uncorrected 1.8 1 rcKojs 10940Code: -0.055	Δ East Y Type Hz Prec GDOP Satellites Δ East	0.011 1699866.880 Rapid point 0.014 2.4 11	Desirions used ΔElev Z Search class Vt Prec HDOP Positions used ΔElev Z	-642.042 4276546.624 As-staked 0.021 0.9	VDOP	
height QC 1 Stake out point (AMethod Stakeout Point Antenna height QC 1 Stake out point (AMethod Stakeout Point	Deltas: Grid Auto0023 2.300 Auto0023) Deltas: Grid	Design point: Pa To the point Δ North X Method Type PDOP Base data age Design point: Pa To the point Δ North	rcKojs 10884Code: -0.012 4403091.088 Network RTK Uncorrected 1.8 1 rcKojs 10940Code:	Δ East Y Type Hz Prec GDOP Satellites Δ East	0.011 1699866.880 Rapid point 0.014 2.4 11	AElev Z Search class Vt Prec HDOP Positions used	-642.042 4276546.624 As-staked 0.021 0.9 1	VDOP	1.5
height QC 1 Stake out point (AMethod Stakeout Point Antenna height QC 1 Stake out point (AMethod Stakeout	Deltas: Grid Auto0023 2.300 Auto0023) Deltas: Grid Auto0024	Design point: Pa To the point Δ North X Method Type PDOP Base data age Design point: Pa To the point Δ North X	-0.012 4403091.088 Network RTK Uncorrected 1.8 1 rcKojs 10940Code: -0.055	Δ East Y Type Hz Prec GDOP Satellites Δ East Y Type	0.011 1699866.880 Rapid point 0.014 2.4 11 0.053 1699846.342 Rapid point	Desirions used ΔElev Z Search class Vt Prec HDOP Positions used ΔElev Z	-642.042 4276546.624 As-staked 0.021 0.9 1	VDOP	1.5

		Base data age	1	Satellites		Positions used	1	
Stake out point Method	(Auto0024)	Design point: ParcKoj To the point	s 11494Code:	•		•		
Stakeout	Deltas: Grid	Δ North	0.023	Δ East	0.037	ΔElev	-642.393	
Survey event		End survey						
Survey event		Life survey						
Rover options								
Elevation	10	DDOD						

Elevation mask	13	PDOP mask	6				
	•					-	

Rover options

Elevation mask	13	PDOP mask	6			

Survey event

Survey event	Rover started
Note	VRS base: 42°22'04.80420", 21°05'27.22980", 683.868m

Initialization event: RTK initialized

GPS week	2358	Seconds	143983	Initialization type	On the fly	Survey type	Real-time		
Point	fe12m	Latitude	42°22'04.81625"N	Longitude	21°05'27.05949"E	Heiaht	669.828	Code	

GNSS receiver

Receiver type	R10
Serial number	5452489155
Firmware version	4.9
Antenna type	R10 Internal
Measurement method	Bottom of quick release
Tape adjustment	0.000
Horizontal offset	0.000
Vertical offset	0.199

Point	fe122m	X	4403855.296	Υ	1698498.360	Z	4276346.264	Code		
		Method	Network RTK	Туре	Observed control point	Search class	Normal			
Antenna height	2.300	Туре	Uncorrected	Hz Prec	0.011	Vt Prec	0.014			
QC 1		PDOP	1.6	GDOP	2.2	HDOP	1.0	VDOP	1.3	
		Base data age	1	Satellites	12	Positions used	30			
QC 2		VCV xx (m²)	0.000157	VCV xy (m²)	0.000025	VCV xz (m²)	0.000058			
				VCV yy (m²)	0.000062	VCV yz (m²)	0.000017			
						VCV zz (m²)	0.000105			

Survey event

Survey event	End survey
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Reduced points

Point	Auto0000	North	4692323.738	East	7508948.357	Elevation	642.849	Code	ParcelaB 9988
Point	Auto0001	North	4692321.400	East	7508935.951	Elevation	643.130	Code	ParcelaB 9992
Point	Auto0002	North	4692336.461	East	7508932.959	Elevation	642.779	Code	ParcRe 11103
Point	Auto0003	North	4692332.450	East	7508933.923	Elevation	642.601	Code	ParcRe 11102
Point	Auto0004	North	4692330.174	East	7508926.284	Elevation	643.219	Code	ParcRe 11068
Point	Auto0005	North	4692333.899	East	7508925.053	Elevation	643.221	Code	ParcRe 11056
Point	Auto0006	North	4692328.045	East	7508915.905	Elevation	646.819	Code	ParcRe 11030
Point	Auto0007	North	4692332.710	East	7508902.539	Elevation	643.047	Code	ParcRe 11022
Point	Auto0008	North	4692330.069	East	7508910.927	Elevation	643.389	Code	ParcRe 11018
Point	Auto0009	North	4692321.124	East	7508905.931	Elevation	643.472	Code	ParcRe 11026
Point	Auto0010	North	4692329.989	East	7508992.861	Elevation	642.426	Code	ParcelaB 9980
Point	Auto0011	North	4692330.720	East	7508997.649	Elevation	642.450	Code	ParcRe 11758
Point	Auto0012	North	4692338.913	East	7508996.301	Elevation	642.343	Code	ParcRe 11733
Point	Auto0013	North	4692349.506	East	7508978.719	Elevation	642.387	Code	ParcRe 11128
Point	Auto0014	North	4692341.935	East	7508979.169	Elevation	642.779	Code	ParcRe 11145
Point	Auto0015	North	4692342.127	East	7509025.892	Elevation	642.106	Code	mungespa 11248
Point	Auto0016	North	4692344.451	East	7509025.292	Elevation	642.184	Code	mungespa 11223

Point	Auto0017	North	4692353.897	East	7509044.866	Elevation	642.063	Code	mungespa 11499
Point	Auto0018	North	4692356.609	East	7509043.094	Elevation	642.050	Code	mungespa 11524
Point	Auto0019	North	4692353.997	East	7509050.716	Elevation	641.931	Code	mungespa 11680
Point	Auto0020	North	4692351.687	East	7509052.259	Elevation	641.852	Code	mungespa 11655
Point	Auto0021	North	4692342.440	East	7509036.492	Elevation	642.015	Code	ParcKojs 11490
Point	Auto0022	North	4692344.652	East	7509035.825	Elevation	642.042	Code	ParcKojs 10884
Point	Auto0023	North	4692346.705	East	7509033.913	Elevation	642.100	Code	ParcKojs 10940
Point	Auto0024	North	4692332.378	East	7509008.118	Elevation	642.393	Code	ParcKojs 11494
Point	fe12m	North	4692048.411	East	7507482.707	Elevation	669.828	Code	
Point	fe122m	North	4692048.444	East	7507482.698	Elevation	669.837	Code	