# **Survey Report**

Job name 182-0-slivoe Creation date 15 Jul 2025

Trimble General Survey 3.21 Version

Distance Units Meters Angle units Gons mbar Pressure Units Celsius Temperature Units

#### Coordinate system (Job)

System Zone Datum

## Projection

Projection Transverse Mercator Origin lat 0°00'00.00000"N 21°00'00.00000"E Origin long 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

Туре Grid Datum transformation

### **Collected Field Data**

#### Projection

Projection Transverse Mercator Origin lat 0°00'00.00000"N Origin long 21°00'00.00000"E 0.000 False northing False easting 7500000.000 Scale 0.99990000 Ellipsoid Semi-major axis: 6378137.000 Flattening: 298.25722154

# Local site

Туре Grid

# Datum transformation

Type None

# Feature library

Library name LIRIDON LIRIDON.fxl Library File Name Attribute Support No

## Corrections

South azimuth (grid) No

Grid coords Increase North-East 0.0000

Magnetic declination Distances Grid

Neighborhood adjustment Off

#### Rover options

Elevation	13 PDOP mask	6			
mask					

### Rover options

Elevation mask	13	PDOP mask	6			

Elevation

mask

13 PDOP mask

6

	Survey event		Rover started							
PPS week	Noto		VPS haso: 42°2	5'12 65520" 21°06'	14 46790" 601 9	45m				
2975   Seconds   210072   Principalization   On the fit   Survey type   Real-time		at: DTV initialized	VRS base. 42 2	3 12.03320 , 21 00	14.40700 , 001.0	43111				
1979   Security   1979   Sec	milialization ever	it. KTK initialized			·		Υ		1	
Minimum type	GPS week	2375	Seconds	210072		On the fly	Survey type	Real-time		
Secretar Number   SEZE/89155   Secretaria   SEZE/89155	GNSS receiver									
Filtreman variation   4.9	Receiver type		R10							
Antenna by	Serial number									
Measurement method   Diction of guick releases   Diction		on								
Auto-1007   Auto		nethod		release						
Part   Aut				1010000						
Antenna nieght 2.000 Type Uncorrected Me Proc 0.024 VP Proc 0.024 VP Proc 0.024 VP Proc 0.025 VP Proc 0.026 VP Pro	Horizontal offs Vertical offset	et								
Antenna nieght 2.000 Type Uncorrected Me Proc 0.024 VP Proc 0.024 VP Proc 0.024 VP Proc 0.025 VP Proc 0.026 VP Pro	Doint	Auto0001	v	4200772 740	v	1609093 406	7	4290570 269	Codo	DorooloP 092
Anthonia	Point	Autouou							Code	Parcelab 902
Design   Design   Design point   D	Antenna				• •					
Base data age	height	2.000	Туре	Uncorrected	Hz Prec	0.024	Vt Prec	0.031		
Stake out point (Auto0001)	QC 1		PDOP	3.4	GDOP	4.1		1.6	VDOP	3.
Design point Parvolled 9820Codes   The point   The p			Base data age	1	Satellites	5		1		
Part   Autonomy   Part		(Auto0001)	"	rcelaB 9820Code:				·		
Point	Method	D-#- 0.11	· ·	0.000	A Fact	0.000	AFIa	000.01=	1	
Method   Network RTK   Type   Rapid point   Search class   Ag-staked   Network RTK   Type   Uncorrected   Network RTK   Type   Real-time   Uncorrected   Network RTK   Type   Uncorrected   Network RTK   Unitedization   U	этакеоut	Deitas: Grid	A North	-0.030	∆ East	0.009	ΔEIGA	-600.847	<u> </u>	
Antenna   2.500   Type	Point	Auto0002						4280584.877	Code	ParcelaB 9816
			Method	Network RTK	Туре	Rapid point	Search class	As-staked		
POP   2.3   GDOP   2.7   HOOP   1.3   VDOP   1.5	Antenna	2.500	Туре	Uncorrected	Hz Prec	0.017	Vt Prec	0.026		
Base data age	_		PDOP	2.3	GDOP	27	HDOP	13	VDOP	1
Stake out point (Auto0002)   Design point: ParcelaB 9816Code: To the point							Positions		150.	
To the point   Stakeout   Deltas: Grid   A North   -0.003   A East   -0.008   A Elev   -600.122	Stake out nain	(Auto0002)			Gatomico		used			
Deliasi Grid   A North   -0.003   A East   -0.008   A Elev   -600.122	Method	(Autouuz)		irceiab 96 16Code.						
	Stakeout	Deltas: Grid	Δ North	-0.003	Δ East	-0.008	ΔElev	-600.122		
Initialization   Point   Auto0003   X   4399732.533   Y   1698146.016   Z   4280594.928   Code   ParcelaB 981	GPS week			210267		On the fly	Survey type	Real-time		
Point	Initialization ever	nt: RTK initialized								
Antenna delight 2.500 Type Uncorrected Hz Prec 0.014 Vt Prec 0.019 CC 1 PDOP 1.6 GDOP 2.1 MDOP 0.9 VDOP 1. Stake out point (Auto0003) Design point: ParcelaB 9812Code: To the point Stakeout Delitas: Grid A North 0.047 A East -0.080 AElev -599.877 Initialization event: RTK not initialized  GPS week 2375 Seconds 210400 Initialization type On the fty Survey type Real-time  Point 001 X 4399728.162 Y 1698153.476 Z 4280596.422 Code rether antenna height 2.500 Type Uncorrected Hz Prec 0.011 Vt Prec 0.016 Cac 1 PDOP 1.9 GDOP 2.7 HDOP 1.0 VDOP 1. Warnings (001) Poor precision	GPS week	2375	Seconds	210273		On the fly	Survey type	Real-time		
Antenna neight   2.500   Type	Point	Auto0003						4280594.928	Code	ParcelaB 9812
height 2.500 Type Uncorrected Hz Prec 0.014 Vt Prec 0.019 Acc 1 PDOP 1.6 GDOP 2.1 HDOP 0.9 VDOP 1.6 Base data age 4 Satellites 10 Positions used 1 Positions us	Antonna							As-staked		
Base data age 4 Satellites 10 Positions used 1  Design point: ParcelaB 9812Code: To the point  Stake out point (Auto0003)  Design point: ParcelaB 9812Code: To the point  Stakeout Deltas: Grid A North 0.047 A East -0.080 AElev -599.877  Design point: ParcelaB 9812Code: To the point  Stakeout Deltas: Grid A North 0.047 A East -0.080 AElev -599.877  Design point: ParcelaB 9812Code: To the point  Stakeout Deltas: Grid A North 0.047 A East -0.080 AElev -599.877  Design point: ParcelaB 9812Code: To the point  Stakeout Deltas: Grid A North 0.047 A East -0.080 AElev -599.877  Design point: ParcelaB 9812Code: To the point Stakeout Deltas: Grid A North 0.047 A East -0.080 AElev -599.877  Design point: ParcelaB 9812Code: To the point Stakeout Deltas: Grid A North 0.047 A East -0.080 AElev -599.877  Design point: ParcelaB 9812Code: To the point Stakeout Deltas: Grid A North 0.047 A East -0.080 AElev -599.877  Design point: ParcelaB 9812Code: To the point Survey type Real-time Design point: ParcelaB 9812Code: The point Survey type Real-time Design point: ParcelaB 9812Code: The point On the fly Survey type Real-time Design point: ParcelaB 9812Code:	height	2.500	Туре			0.014	Vt Prec	0.019		
Stake out point (Auto0003)   Design point: Parcelaß 9812Code:   Method   To the point	QC 1		PDOP	1.6	GDOP			0.9	VDOP	1.:
Stakeout   Deltas: Grid   A North   Deltas: Grid   Deltas: Grid   A Deltas: Grid   A North   Deltas: Grid   D			Base data age	4	Satellites	10		1		
GPS week 2375 Seconds 210400 Initialization type On the fly Survey type Real-time  GPS week 2375 Seconds 210403 Initialization type On the fly Survey type Real-time  GPS week 2375 Seconds 210403 Initialization type On the fly Survey type Real-time  Point 001 X 4399728.162 Y 1698153.476 Z 4280596.422 Code rrether type Antenna theight 2.500 Type Uncorrected Hz Prec 0.011 Vt Prec 0.016 PDOP 1.9 GDOP 2.7 HDOP 1.0 VDOP 1.0 Warnings (001)  Warnings (001)	Stake out point	(Auto0003)		rcelaB 9812Code:						
Seconds   Seco	Stakeout	Deltas: Grid	Δ North	0.047	Δ East	-0.080	ΔElev	-599.877		
type On the fly Survey type Real-time    Contine fly Survey type   Real-time	Initialization ever	nt: RTK not initialized	i							
GPS week 2375 Seconds 210403 Initialization type On the fly Survey type Real-time  Point 001 X 4399728.162 Y 1698153.476 Z 4280596.422 Code rrethe Rapid point Search class Normal Antenna height QC 1 PDOP 1.9 GDOP 2.7 HDOP 1.0 VDOP 1.0 VDOP 1.0 Warnings (001)  Poor precision	GPS week	2375	Seconds	210400		On the fly	Survey type	Real-time		
Point   001   X   4399728.162   Y   1698153.476   Z   4280596.422   Code   rrether					туре				<u> </u>	
Point   001   X		<u> </u>		_	Initialization			_		
Antenna height QC 1 Poor precision  Method Network RTK Type Rapid point Search class Normal Vt Prec 0.011 Vt Prec 0.016 PDOP 1.9 GDOP 2.7 Positions used 1  Poor precision  Normal Vt Prec 0.016 PDOP 1.0 VDOP 1.0	GPS week				type					
PDOP	Point	001							Code	rretho
PDOP 1.9 GDOP 2.7 HDOP 1.0 VDOP 1. VDO	Antenna	2.500	Туре	Uncorrected	Hz Prec	0.011	Vt Prec	0.016		
Base data age 1 Satellites 9 Positions used 1 Warnings (001) Poor precision	height	2.000								
Warnings (001) Poor precision	QC 1						Positions	1.0	ADOb	1.0
74					Jaiemies		used	1		
	Warnings (001	)	Poor p	recision						

Point	003	х	4399716.770	Υ	1698173.288	Z	4280599.936	Code	Ndarjet 10089
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	2.300	Туре	Uncorrected	Hz Prec	0.009	Vt Prec	0.011		
QC 1		PDOP	1.6	GDOP		HDOP	0.9	VDOP	1.4
		Base data age	2	Satellites	10	Positions used	1		
Stake out point	t (003)	Design point: No	larjet 10089Code:	-					
Method		To the point							
Stakeout	Deltas: Grid	Δ North	-0.022	Δ East	0.002	ΔElev	-599.849		
Initialization ever	nt: RTK not initialized	1							

GPS week	2375	Seconds	210901	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized			,		,		,	
GPS week		Seconds	210917	Initialization	On the fly	Survey type	Real-time		
OI O WCCK	2010	Occords	210317	type	On the ny	ourvey type	- Treat time		
Point	004	X Method	4399725.957 Network RTK		1698180.980 Rapid point	Z Search class	4280587.771 As-staked	Code	Ndarjet 10114
Antenna height	2.300	Туре	Uncorrected		0.009	Vt Prec	0.012		
QC 1		PDOP	1.6	GDOP	2.1	HDOP	0.9	VDOP	1.3
		Base data age	1	Satellites	11	Positions used	1		
Stake out point	(004)	Design point: No	darjet 10114Code:				·		
Stakeout	Deltas: Grid	Δ North	0.002	Δ East	0.006	ΔElev	-600.014		
Initialization ever	nt: RTK not initialized	d							
GPS week	2375	Seconds	211025	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			1				<u> </u>		
Elevation mask	13	PDOP mask	6						
Шаѕк		<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Survey event		Rover started							
Note Initialization ever	nt: RTK initialized	VRS base: 42°2	25'12.78840", 21°06'	17.71260", 602.6	667m				
GPS week	2375	Seconds	211097	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 r	nethod	Bottom of quick	release						
Tape adjustme	nt	0.000							
Horizontal offset	et	0.000							
Vertical offset		0.100							
Point	005		4399741.947		1698153.750		4280582.514	1	ParcReNe 9988
Antenna	0.000	Method	Network RTK Uncorrected		, ,	Search class	As-staked		
height QC 1	2.000	Type PDOP		GDOP		Vt Prec HDOP	0.011	VDOP	1.3
		Base data age		Satellites	11	Positions used	1		
Stake out point	(005)	Design point: Pa	l arcReNe 9988Code:	<u>I</u>	<u>I</u>	·····	<u>I</u>	<u>I</u>	<u>I</u>
Method		To the point	·	1		1	1	1	
Stakeout	Deltas: Grid	Δ North	-0.043	Δ East	0.004	ΔElev	-600.542	<u> </u>	
Survey event									
Survey event		End survey							
Rover options									
Elevation mask	13	PDOP mask	6						
Rover options									

mask	13	PDOP mask	6						
Survey event									
Survey event		Rover started							
Note		VRS base: 42°2	5'12.91740", 21°06'1	7.61900", 606.0	88m				
nitialization eve	nt: RTK initialized								
GPS week	2375	Seconds	212160	Initialization type	On the fly	Survey type	Real-time		
Initialization eve	nt: RTK not initialized	1							
GPS week	2375	Seconds	212189	Initialization type	On the fly	Survey type	Real-time		
Initialization eve	nt: RTK initialized					,			
GPS week	2375	Seconds		Initialization type	On the fly	Survey type	Real-time		
GNSS receiver	J.	l.			J.	J.			
Receiver type		R10							
Serial number		5452489155							
Firmware versi	on	4.9							
Antenna type		R10 Internal							
Measurement i		Bottom of quick	release						
Tape adjustme Horizontal offs		0.000							
Horizontal ons Vertical offset		0.000							
Point	006	х	4399698.811		1698180.092	z	4280614.232	Code	ParcReNe 1002
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna	2.000	Туре	Uncorrected	Hz Prec	0.013	Vt Prec	0.015		
height QC 1		PDOP	1 1	GDOP	1 2	HDOP	0.8	VDOP	1.:
~~·		Base data age		Satellites	13	Positions	1	. 55.	1
		base data age		Satemites	13	used	'		
Stake out poin	t (006)		arcReNe 10024Code	:					
Method	D. II. 0 : 1	To the point	0.040		0.004	1	500,000		
Stakeout	Deltas: Grid	Δ North	0.010	Δ East		ΔElev	-599.232		
Point					0.031				·
	007	х	4399675.064	Υ	1698221.066	z	4280622.003	Code	ParcReNe 1002
	007	X Method	4399675.064 Network RTK		1698221.066	Z Search class	4280622.003 As-staked	Code	ParcReNe 1002
		Method	Network RTK	Туре	1698221.066 Rapid point	Search class	As-staked	Code	ParcReNe 1002
height	2.000	Method Type	Network RTK Uncorrected	Type Hz Prec	1698221.066 Rapid point 0.015	Search class Vt Prec	As-staked 0.018		
height		Method	Network RTK Uncorrected	Туре	1698221.066 Rapid point 0.015	Search class Vt Prec HDOP	As-staked 0.018	Code VDOP	
height		Method Type	Network RTK Uncorrected 1.4	Type Hz Prec	1698221.066 Rapid point 0.015	Search class Vt Prec HDOP	As-staked 0.018		
height QC 1 Stake out poin	2.000	Method Type PDOP Base data age	Network RTK Uncorrected 1.4	Type Hz Prec GDOP Satellites	1698221.066 Rapid point 0.015	Search class Vt Prec HDOP Positions	As-staked 0.018 0.8		
Antenna height QC 1 Stake out poin Method Stakeout	2.000	Method Type PDOP Base data age Design point: Pa To the point	Network RTK Uncorrected 1.4 1 arcReNe 10028Code	Type Hz Prec GDOP Satellites	1698221.066 Rapid point 0.015 1.8	Search class Vt Prec HDOP Positions	As-staked 0.018 0.8		ParcReNe 10028
height QC 1 Stake out poin Method Stakeout	2.000 t (007)	Method Type PDOP Base data age Design point: Pa To the point Δ North	Network RTK Uncorrected 1.4 1 arcReNe 10028Code	Type Hz Prec GDOP Satellites : Δ East	1698221.066 Rapid point 0.015 1.8 13	Search class Vt Prec HDOP Positions used	As-staked 0.018 0.8 1	VDOP	
height QC 1  Stake out poin Method Stakeout  Point  Antenna	2.000 t (007)	Method Type PDOP Base data age Design point: Pa To the point Δ North X Method	Network RTK	Type Hz Prec GDOP Satellites :  Δ East Y Type	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point	Search class Vt Prec HDOP Positions used  ΔElev	As-staked 0.018 0.8 1 -599.012	VDOP	1.2
height QC 1  Stake out poin Method Stakeout  Point  Antenna height	2.000 t (007) Deltas: Grid	Method Type PDOP Base data age Design point: Pa To the point A North  X Method Type	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected	Type Hz Prec GDOP Satellites : Δ East Y Type Hz Prec	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016	Search class Vt Prec HDOP Positions used  AElev  Z Search class Vt Prec	As-staked 0.018 0.8 1 -599.012 4280633.866 As-staked 0.019	VDOP	ParcReNe 1003:
height QC 1  Stake out poin Method Stakeout  Point  Antenna height	2.000 t (007) Deltas: Grid	Method Type PDOP Base data age Design point: Pa To the point Δ North X Method Type PDOP	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4	Type Hz Prec GDOP Satellites :  Δ East Y Type	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016	Search class Vt Prec HDOP Positions used  AElev  Z Search class Vt Prec HDOP Positions	As-staked 0.018 0.8 1 -599.012 4280633.866 As-staked 0.019	VDOP	ParcReNe 1003:
height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1	2.000 t (007) Deltas: Grid 008 2.000	Method Type PDOP Base data age Design point: Pa To the point A North  X Method Type PDOP Base data age	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1	Type Hz Prec GDOP Satellites : Δ East  Y Type Hz Prec GDOP Satellites	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP	As-staked 0.018 0.8 1 -599.012 4280633.866 As-staked 0.019 0.8	VDOP	ParcReNe 1003:
height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin	2.000 t (007) Deltas: Grid 008 2.000	Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4	Type Hz Prec GDOP Satellites : Δ East  Y Type Hz Prec GDOP Satellites	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8	Search class Vt Prec HDOP Positions used  AElev  Z Search class Vt Prec HDOP Positions	As-staked 0.018 0.8 1 -599.012 4280633.866 As-staked 0.019 0.8	VDOP	ParcReNe 1003
height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin Method	2.000 t (007) Deltas: Grid 008 2.000	Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1 arcReNe 10032Code	Type Hz Prec GDOP Satellites : Δ East  Y Type Hz Prec GDOP Satellites	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8 13	Search class Vt Prec HDOP Positions used  AElev  Z Search class Vt Prec HDOP Positions	As-staked 0.018 0.8 1 -599.012 4280633.866 As-staked 0.019 0.8	VDOP	ParcReNe 1003
height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin Method Stakeout	2.000  t (007)  Deltas: Grid  008  2.000  t (008)  Deltas: Grid	Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Δ North	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1 arcReNe 10032Code	Type Hz Prec GDOP Satellites : Δ East Y Type Hz Prec GDOP Satellites :	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8 13	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.018 0.8 1 -599.012 4280633.866 As-staked 0.019 0.8 1	VDOP	ParcReNe 1003
height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin Method Stakeout	2.000  t (007)  Deltas: Grid  008  2.000	Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Δ North  X X Method X X X X X X X X X X X X X X X X X X X	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1 arcReNe 10032Code -0.010 4399655.556	Type Hz Prec GDOP Satellites : Δ East Y Type Hz Prec GDOP Satellites :	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8 13	Search class Vt Prec HDOP Positions used  AElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.018 0.8 1 -599.012 4280633.866 As-staked 0.019 0.8 1 -598.607	VDOP	ParcReNe 1003
height QC 1  Stake out point Method Stakeout  Point  Antenna height QC 1  Stake out point Method Stakeout	2.000  t (007)  Deltas: Grid  008  2.000  t (008)  Deltas: Grid	Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Δ North	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1 arcReNe 10032Code	Type Hz Prec GDOP Satellites : Δ East Y Type Hz Prec GDOP Satellites :	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8 13	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.018 0.8 1 -599.012 4280633.866 As-staked 0.019 0.8 1	VDOP	ParcReNe 1003
height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin Method Stakeout  Point  Antenna Antenna	2.000  t (007)  Deltas: Grid  008  2.000  t (008)  Deltas: Grid	Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1 arcReNe 10032Code -0.010 4399655.556	Type Hz Prec GDOP Satellites : Δ East  Y Type Hz Prec GDOP Satellites : Δ East	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8 13 -0.031	Search class Vt Prec HDOP Positions used  AElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.018 0.8 1 -599.012 4280633.866 As-staked 0.019 0.8 1 -598.607	VDOP	ParcReNe 1003
height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin Method Stakeout  Point  Antenna height Antenna height	2.000  t (007)  Deltas: Grid  008  2.000  t (008)  Deltas: Grid  009	Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1 arcReNe 10032Code -0.010 4399655.556 Network RTK Uncorrected	Type Hz Prec GDOP Satellites : Δ East  Y Type Hz Prec GDOP Satellites : Δ East	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8 13 -0.031 1698304.845 Rapid point 0.017	Search class Vt Prec HDOP Positions used  AElev  Z Search class Vt Prec HDOP Positions used  AElev  Z Search class Vt Prec HDOP HOSHIONS USE  Vt Prec HDOP	As-staked 0.018 0.8 1 -599.012 4280633.866 As-staked 0.019 0.8 1 -598.607 4280608.728 As-staked 0.020	VDOP	ParcReNe 1003  1.  ParcReNe 1003
height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin Method Stakeout  Point  Antenna height Antenna height	2.000  t (007)  Deltas: Grid  008  2.000  t (008)  Deltas: Grid  009	Method Type PDOP Base data age Design point: Pa To the point A North  X Method Type PDOP Base data age Design point: Pa To the point A North  X Method Type Design point: Pa To the point A North  X Method Type	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1 arcReNe 10032Code -0.010 4399655.556 Network RTK Uncorrected 1.4 1	Type Hz Prec GDOP Satellites :  Δ East  Y Type Hz Prec GDOP Satellites :  Δ East  Y Type Hz Prec Hz Prec	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8 13 -0.031 1698304.845 Rapid point 0.017	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions Used	As-staked 0.018 0.8 1 -599.012 4280633.866 As-staked 0.019 0.8 1 -598.607 4280608.728 As-staked 0.020	VDOP  Code  VDOP  Code	ParcReNe 1003  1.  ParcReNe 1003
height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1	2.000  t (007)  Deltas: Grid  008  2.000  t (008)  Deltas: Grid  009  2.000	Method Type PDOP Base data age Design point: Pa To the point A North  X Method Type PDOP Base data age Design point: Pa To the point A North  X Method Type PDOP Base data age To the point A North  X Method Type PDOP Base data age	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1 arcReNe 10032Code -0.010 4399655.556 Network RTK Uncorrected 1.4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Type Hz Prec GDOP Satellites :  Δ East  Y Type Hz Prec GDOP Satellites :  Δ East  Y Type Satellites :  Δ East  Y Type Satellites :	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8 13 -0.031 1698304.845 Rapid point 0.017 1.8	Search class Vt Prec HDOP Positions used  Z Search class Vt Prec HDOP Positions used  AElev  Z Search class Vt Prec HDOP Positions Used	As-staked 0.018 0.8 1  -599.012  4280633.866 As-staked 0.019 0.8 1  -598.607  4280608.728 As-staked 0.020 0.8	VDOP  Code  VDOP  Code	ParcReNe 1003  1.  ParcReNe 1003
height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin Method Stakeout	2.000  t (007)  Deltas: Grid  008  2.000  t (008)  Deltas: Grid  009  2.000	Method Type PDOP Base data age Design point: Pa To the point A North  X Method Type PDOP Base data age Design point: Pa To the point A North  X Method Type PDOP Base data age Design point: Pa To the point Design point: Pa	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1 arcReNe 10032Code -0.010 4399655.556 Network RTK Uncorrected 1.4 1	Type Hz Prec GDOP Satellites :  Δ East  Y Type Hz Prec GDOP Satellites :  Δ East  Y Type Satellites :  Δ East  Y Type Satellites :	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8 13 -0.031 1698304.845 Rapid point 0.017 1.8	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions Used	As-staked 0.018 0.8 1  -599.012  4280633.866 As-staked 0.019 0.8 1  -598.607  4280608.728 As-staked 0.020 0.8	VDOP  Code  VDOP  Code	ParcReNe 1003  1.  ParcReNe 1003
height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin Method Stakeout	2.000  t (007)  Deltas: Grid  008  2.000  t (008)  Deltas: Grid  009  2.000	Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Design point: Pa To the point Type PDOP Base data age Design point: Pa To the point	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1 arcReNe 10032Code -0.010 4399655.556 Network RTK Uncorrected 1.4 1 arcReNe 10036Code	Type Hz Prec GDOP Satellites :  Δ East  Y Type Hz Prec GDOP Satellites :  Δ East  Y Type Satellites :	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8 13 -0.031 1698304.845 Rapid point 0.017 1.8 13	Search class Vt Prec HDOP Positions used  AElev  Z Search class Vt Prec HDOP Positions used  AElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.018 0.8 1  -599.012  4280633.866 As-staked 0.019 0.8 1  -598.607  4280608.728 As-staked 0.020 0.8	VDOP  Code  VDOP  Code	ParcReNe 1003
height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin Method Stakeout  Point  Antenna height QC 1  Stake out poin Method Stakeout	2.000  t (007)  Deltas: Grid  008  2.000  t (008)  Deltas: Grid  009  2.000	Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Design point: Pa To the point Type PDOP Base data age Design point: Pa To the point	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1 arcReNe 10032Code -0.010 4399655.556 Network RTK Uncorrected 1.4 1 arcReNe 10036Code	Type Hz Prec GDOP Satellites :  Δ East  Y Type Hz Prec GDOP Satellites :  Δ East  Y Type Satellites :  Δ East  Y Type Satellites :	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8 13 -0.031 1698304.845 Rapid point 0.017 1.8 13	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions Used	As-staked 0.018 0.8 1  -599.012  4280633.866 As-staked 0.019 0.8 1  -598.607  4280608.728 As-staked 0.020 0.8 1	VDOP  Code  VDOP  Code	ParcReNe 1003:
height QC 1 Stake out poin Method	2.000  t (007)  Deltas: Grid  008  2.000  t (008)  Deltas: Grid  009  2.000	Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Δ North	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1 arcReNe 10032Code -0.010 4399655.556 Network RTK Uncorrected 1.4 1 arcReNe 10036Code	Type Hz Prec GDOP Satellites :  Δ East  Y Type Hz Prec GDOP Satellites :  Δ East  Y Type Satellites :  Δ East  Y Type Hz Prec GDOP Satellites :  Δ East	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8 13 -0.031 1698304.845 Rapid point 0.017 1.8 13	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.018 0.8 1  -599.012  4280633.866 As-staked 0.019 0.8 1  -598.607  4280608.728 As-staked 0.020 0.8 1	VDOP  Code  VDOP	1.2
height QC 1  Stake out point Method Stakeout  Point  Antenna height QC 1  Stake out point Method Stakeout  Point  Antenna height QC 1  Stake out point Method Stakeout  Stakeout	2.000  t (007)  Deltas: Grid  008  2.000  t (008)  Deltas: Grid  009  2.000  t (009)	Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Δ North  X Method Type PDOP Base data age Design point: Pa To the point Δ North	Network RTK Uncorrected 1.4 1 arcReNe 10028Code -0.027 4399635.647 Network RTK Uncorrected 1.4 1 arcReNe 10032Code -0.010 4399655.556 Network RTK Uncorrected 1.4 1 arcReNe 10036Code -0.019	Type Hz Prec GDOP Satellites :  Δ East  Y Type Hz Prec GDOP Satellites :  Δ East  Y Type A East  Y Type Hz Prec GDOP Satellites :  Δ East  Y Type Hz Prec GDOP	1698221.066 Rapid point 0.015 1.8 13 0.007 1698291.555 Rapid point 0.016 1.8 13 -0.031 1698304.845 Rapid point 0.017 1.8 13	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.018 0.8 1  -599.012  4280633.866 As-staked 0.019 0.8 1  -598.607  4280608.728 As-staked 0.020 0.8 1	VDOP  Code  VDOP	ParcReNe 1003  ParcReNe 1003  1.:

December	height	2.000	Туре	Uncorrected	Hz Prec	0.018	Vt Prec	0.022		
Description   1970   Description   Description   Description   Description   Description	QC 1		PDOP	1.4	GDOP	1.8	HDOP	0.8	VDOP	1.2
Method   College   Col   Aborth   Col   Col   Col   Aborth   Col   Col   Aborth   Col   Col   Col   Aborth   Col			Base data age	1	Satellites	13	Positions used	1		
State out point   Celes: Get   A North   0.017   A East   0.009 AElev   569.96	Stake out point	t (010)	Design point: Pa	rcReNe 10037Code	): ):	Į.				
Point		Dolton Crid	·	0.017	A F4	0.030	AFIO	500.040		
Application   Ap	Stakeout			0.017	Δ EdSt	,		-599.949		
Alternam   2.00   Type	Point	011							Code	ParcReNe 9992
Second point (911)		2 000								
Stake out point (911)	_	2.000							VDOP	12
State out point (911)							Positions			
Method   To This point   Soleton   Colores Grid   Method   Colores Grid   Method   Colores Grid   Method   Network RTK Type   Rapid point   Search class   4200564 200 God   ParcRoNe 9000   Antenna   Color   ParcRoNe 9000   Rapid point   Search class   Color   ParcRoNe 9000   Rapid point   Search class   Color   ParcRoNe 9000   Rapid point   Search class   Color	Stake out point	(011)	_				used			
Point	1		To the point							
Antenna   Antenna   Antenna   Popo	Stakeout	Deltas: Grid	Δ North	0.060	Δ East	0.002	ΔElev	-600.214		
Adequate	Point	012		4399783.830	Υ	1698089.568	Z	4280564.926	Code	ParcReNe 9996
Design	Antenna									
Stake out point (P12)	height	2.000								
Stake out point (912)	QC 1						Desitions		VDOP	1.2
Stake out point (1913)   Stake out point (1914)   Design point ParcReNe 10000Code.   Network RTK   Stake out point (1914)   Design point ParcReNe 10000Code.   Stake out point (1914)   Stake out point (1914)   Design point ParcReNe 10000Code.   Stake out point (1915)   Stake out point (1914)   Design point ParcReNe (10000Code.   Stake out point (1914)   Stake out point (1914)   Design point ParcReNe (10000Code.   Stake out point (1915)   Stake out poi		(2.12)	_			13		1		
Point	1	t (012)		arcReNe 9996Code:						
Antenna	-	Deltas: Grid	-	0.001	Δ East	0.007	ΔElev	-600.462		
Antenna	Point	013	x	4399782 955	Y	1698087 977	7	4280566 423	Code	ParcReNe 10000
Mathod   M		0.0								. 4.0.10.10 10000
Committee   Comm		2.000	Туре	Uncorrected	Hz Prec	0.014	Vt Prec	0.016		
Stake out point (013)	1 -		PDOP	1.5	GDOP			0.8	VDOP	1.2
Stakeout   Deltas: Grid   A North   -0.029   A East   0.028   A Elev   -600.447			Base data age	1	Satellites	12	Positions used	1		
Point	1	t (013)		arcReNe 10000Code	): :					·
Point		Deltas: Grid	· ·	-0.029	Δ East	0.028	ΔElev	-600.447		
Antenna 2.000 Type Uncorrected ktz Proc 0.017 Vt Proc 0.020 ktz Proc 0.020 ktz Proc 0.017 Vt Proc 0.020 ktz Proc 0.020 k										
Note	Doint	014	v	4200769 024	v	1609066 056	7	1200500 606	Codo	DaraPaNa 10009
PDOP	Point	014							Code	ParcReNe 10008
Stake out point (014) Design point: ParcReNe 10008Code: To the point Stakeout Dettas: Grid Dettas: Grid North -0.010 Design point: ParcReNe 10008Code: To the point Stakeout Dettas: Grid D	Antenna		Method	Network RTK	Туре	Rapid point	Search class	As-staked	Code	ParcReNe 10008
Stakeout   Deltas: Grid   A North   -0.010   A East   0.016   A Elev   -600.221	Antenna height		Method Type	Network RTK Uncorrected	Type Hz Prec	Rapid point 0.017	Search class Vt Prec	As-staked 0.020		
Stakeout   Deltas: Grid   A North   -0.010   A East   0.016   A Elev   -600.221     Initialization event: RTK not initialized   GPS week   2375   Seconds   213025   Initialization   Initialization   On the fly   Survey type   Real-time	Antenna height		Method Type PDOP	Network RTK Uncorrected 1.4	Type Hz Prec GDOP	Rapid point 0.017 1.9	Search class Vt Prec HDOP Positions	As-staked 0.020 0.8		
Initialization event: RTK not initialized  GPS week 2375 Seconds 213025 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213091 Initialization type On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213116 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213496 Initialization type On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized	Antenna height QC 1	2.000	Method Type PDOP Base data age Design point: Pa	Network RTK Uncorrected 1.4 1	Type Hz Prec GDOP Satellites	Rapid point 0.017 1.9	Search class Vt Prec HDOP Positions	As-staked 0.020 0.8		
Initialization event: RTK initialized   Continue   Co	Antenna height QC 1 Stake out point Method	2.000 t (014)	Method Type PDOP Base data age Design point: Pa To the point	Network RTK Uncorrected 1.4 1 arcReNe 10008Code	Type Hz Prec GDOP Satellites	Rapid point 0.017 1.9 12	Search class Vt Prec HDOP Positions used	As-staked 0.020 0.8 1		
Initialization event: RTK initialized  GPS week 2375 Seconds 213091 Initialization type On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213116 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213496 Initialization On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213496 Initialization type On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213508 Initialization On the fly Survey type Real-time	Antenna height QC 1 Stake out point Method	2.000 t (014)	Method Type PDOP Base data age Design point: Pa To the point	Network RTK Uncorrected 1.4 1 arcReNe 10008Code	Type Hz Prec GDOP Satellites	Rapid point 0.017 1.9 12	Search class Vt Prec HDOP Positions used	As-staked 0.020 0.8 1		
Initialization event: RTK initialized  GPS week 2375 Seconds 213091 Initialization type On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213116 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213496 Initialization type On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213508 Initialization On the fly Survey type Real-time	Antenna height QC 1 Stake out point Method Stakeout	2.000 t (014) Deltas: Grid	Method Type PDOP Base data age Design point: Pa To the point Δ North	Network RTK Uncorrected 1.4 1 arcReNe 10008Code	Type Hz Prec GDOP Satellites	Rapid point 0.017 1.9 12	Search class Vt Prec HDOP Positions used	As-staked 0.020 0.8 1		
Company   Comp	Antenna height QC 1  Stake out point Method  Stakeout  Initialization ever	2.000  t (014)  Deltas: Grid  nt: RTK not initialized	Method Type PDOP Base data age Design point: Pa To the point Δ North	Network RTK Uncorrected 1.4 1 arcReNe 10008Code	Type Hz Prec GDOP Satellites  Δ East	Rapid point 0.017 1.9 12 0.016	Search class Vt Prec HDOP Positions used	As-staked 0.020 0.8 1		
Initialization event: RTK not initialized  GPS week 2375 Seconds 213116 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213496 Initialization type On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized	Antenna height QC 1  Stake out point Method  Stakeout  Initialization ever	2.000  t (014)  Deltas: Grid  nt: RTK not initialized	Method Type PDOP Base data age Design point: Pa To the point Δ North	Network RTK Uncorrected 1.4 1 arcReNe 10008Code	Type Hz Prec GDOP Satellites  Σ Δ East	Rapid point 0.017 1.9 12 0.016	Search class Vt Prec HDOP Positions used	As-staked 0.020 0.8 1		
Initialization event: RTK not initialized  GPS week 2375 Seconds 213116 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213496 Initialization type On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213510 Initialization type Real-time  GPS week 2375 Seconds 213510 Initialization On the fly Survey type Real-time	Antenna height QC 1  Stake out point Method  Stakeout  Initialization ever	2.000  R (014)  Deltas: Grid  nt: RTK not initialized	Method Type PDOP Base data age Design point: Pa To the point Δ North	Network RTK Uncorrected 1.4 1 arcReNe 10008Code	Type Hz Prec GDOP Satellites  Σ Δ East	Rapid point 0.017 1.9 12 0.016	Search class Vt Prec HDOP Positions used	As-staked 0.020 0.8 1		
GPS week 2375 Seconds 213116 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213496 Initialization type On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213510 Initialization On the fly Survey type Real-time	Antenna height QC 1  Stake out point Method  Stakeout  Initialization ever	2.000  t (014)  Deltas: Grid  nt: RTK not initialized  2375  nt: RTK initialized	Method Type PDOP Base data age Design point: Pa To the point Δ North  Seconds	Network RTK Uncorrected 1.4 1 arcReNe 10008Code -0.010 213025	Type Hz Prec GDOP Satellites   Last  Initialization type	Rapid point 0.017 1.9 12 0.016 On the fly	Search class Vt Prec HDOP Positions used  ΔElev  Survey type	As-staked 0.020 0.8 1 -600.221		
Initialization event: RTK initialized  GPS week 2375 Seconds 213496 Initialization type On the fly Survey type Real-time  Initialization event: RTK not initialized  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  GPS week 2375 Seconds 213510 Initialization On the fly Survey type Real-time	Antenna height QC 1  Stake out point Method Stakeout  Initialization ever GPS week  GPS week	2.000  Deltas: Grid  nt: RTK not initialized  2375  nt: RTK initialized	Method Type PDOP Base data age Design point: Pa To the point Δ North  Seconds	Network RTK Uncorrected 1.4 1 arcReNe 10008Code -0.010 213025	Type Hz Prec GDOP Satellites   Last  Initialization type	Rapid point 0.017 1.9 12 0.016 On the fly	Search class Vt Prec HDOP Positions used  ΔElev  Survey type	As-staked 0.020 0.8 1 -600.221		
GPS week 2375 Seconds 213496 Initialization type On the fly Survey type Real-time  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  GPS week 2375 Seconds 213510 Initialization On the fly Survey type Real-time	Antenna height QC 1  Stake out point Method Stakeout  Initialization ever GPS week  GPS week	2.000  Deltas: Grid  nt: RTK not initialized  2375  nt: RTK initialized	Method Type PDOP Base data age Design point: Pa To the point Δ North  Seconds	Network RTK Uncorrected 1.4 1 arcReNe 10008Code -0.010 213025	Type Hz Prec GDOP Satellites   Last  Initialization type  Initialization type	Rapid point 0.017 1.9 12 0.016 On the fly	Search class Vt Prec HDOP Positions used  ΔElev  Survey type	As-staked 0.020 0.8 1 -600.221		
Initialization event: RTK not initialized  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213510 Initialization On the fly Survey type Real-time	Antenna height QC 1  Stake out point Method Stakeout  Initialization ever GPS week  Initialization ever	2.000  t (014)  Deltas: Grid  nt: RTK not initialized  2375  nt: RTK initialized  2375	Method Type PDOP Base data age Design point: Pa To the point Δ North  Seconds  Seconds	Network RTK Uncorrected 1.4 1 arcReNe 10008Code -0.010 213025	Type Hz Prec GDOP Satellites   Linitialization type  Initialization type  Initialization	Rapid point 0.017 1.9 12 0.016 On the fly	Search class Vt Prec HDOP Positions used  AElev  Survey type	As-staked 0.020 0.8 1 -600.221  Real-time		
Initialization event: RTK not initialized  GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2375 Seconds 213510 Initialization On the fly Survey type Real-time	Antenna height QC 1  Stake out point Method Stakeout  Initialization ever GPS week  Initialization ever GPS week  GPS week	2.000  t (014)  Deltas: Grid  nt: RTK not initialized  2375  nt: RTK initialized  2375  nt: RTK not initialized  2375	Method Type PDOP Base data age Design point: Pa To the point Δ North  Seconds  Seconds	Network RTK Uncorrected 1.4 1 arcReNe 10008Code -0.010 213025	Type Hz Prec GDOP Satellites   Linitialization type  Initialization type  Initialization	Rapid point 0.017 1.9 12 0.016 On the fly	Search class Vt Prec HDOP Positions used  AElev  Survey type	As-staked 0.020 0.8 1 -600.221  Real-time		
GPS week 2375 Seconds 213508 Initialization type On the fly Survey type Real-time  GPS week 2375 Seconds 213510 Initialization On the fly Survey type Real-time	Antenna height QC 1  Stake out point Method Stakeout  Initialization ever GPS week  Initialization ever GPS week  Initialization ever	2.000  Deltas: Grid  nt: RTK not initialized  2375  nt: RTK not initialized  2375  nt: RTK not initialized  2375	Method Type PDOP Base data age Design point: Pa To the point Δ North  Seconds  Seconds	Network RTK Uncorrected 1.4 1 arcReNe 10008Code -0.010 213025 213091	Type Hz Prec GDOP Satellites  E  A East  Initialization type  Initialization type  Initialization type	Rapid point 0.017 1.9 12 0.016 On the fly On the fly	Search class Vt Prec HDOP Positions used  AElev  Survey type  Survey type	As-staked 0.020 0.8 1 -600.221  Real-time  Real-time		
Initialization event: RTK initialized  CPS week 2375 Seconds 213510 Initialization On the fly Survey type Real-time	Antenna height QC 1  Stake out point Method Stakeout  Initialization ever GPS week  Initialization ever GPS week  Initialization ever	2.000  Deltas: Grid  nt: RTK not initialized  2375  nt: RTK not initialized  2375  nt: RTK not initialized  2375	Method Type PDOP Base data age Design point: Pa To the point Δ North  Seconds  Seconds	Network RTK Uncorrected 1.4 1 arcReNe 10008Code -0.010 213025 213091	Type Hz Prec GDOP Satellites  E  A East  Initialization type  Initialization type  Initialization type	Rapid point 0.017 1.9 12 0.016 On the fly On the fly	Search class Vt Prec HDOP Positions used  AElev  Survey type  Survey type	As-staked 0.020 0.8 1 -600.221  Real-time  Real-time		
Initialization event: RTK initialized  GPS week 2375 Seconds 213510 Initialization On the fly Survey type Real-time	Antenna height QC 1  Stake out point Method Stakeout  Initialization ever GPS week  Initialization ever GPS week  Initialization ever GPS week	2.000  t (014)  Deltas: Grid  nt: RTK not initialized  2375  nt: RTK initialized  2375  nt: RTK not initialized  2375  nt: RTK not initialized  2375	Method Type PDOP Base data age Design point: Pa To the point A North  Seconds  Seconds  Seconds	Network RTK Uncorrected 1.4 1 arcReNe 10008Code -0.010 213025 213091	Type Hz Prec GDOP Satellites  E  A East  Initialization type  Initialization type  Initialization type	Rapid point 0.017 1.9 12 0.016 On the fly On the fly	Search class Vt Prec HDOP Positions used  AElev  Survey type  Survey type	As-staked 0.020 0.8 1 -600.221  Real-time  Real-time		
GPS week 2375 Seconds 213510 Initialization On the fly Survey type Real-time	Antenna height QC 1  Stake out point Method Stakeout  Initialization ever GPS week  Initialization ever GPS week  Initialization ever GPS week  Initialization ever	2.000  t (014)  Deltas: Grid  nt: RTK not initialized  2375  nt: RTK initialized  2375  nt: RTK initialized  2375  nt: RTK initialized  2375	Method Type PDOP Base data age Design point: Pa To the point A North  Seconds  Seconds  Seconds	Network RTK Uncorrected 1.4 1 arcReNe 10008Code -0.010 213025 213091 213116	Type Hz Prec GDOP Satellites  Electric A East  Initialization type  Initialization type  Initialization type  Initialization type  Initialization type	Rapid point 0.017 1.9 12 0.016 On the fly On the fly On the fly	Search class Vt Prec HDOP Positions used  AElev  Survey type  Survey type  Survey type	As-staked 0.020 0.8 1 -600.221  Real-time  Real-time		
	Antenna height QC 1  Stake out point Method Stakeout  Initialization ever GPS week	2.000  Deltas: Grid  nt: RTK not initialized  2375  nt: RTK initialized  2375  nt: RTK not initialized  2375  nt: RTK not initialized  2375  nt: RTK initialized  2375	Method Type PDOP Base data age Design point: Pa To the point A North  Seconds  Seconds  Seconds	Network RTK Uncorrected 1.4 1 arcReNe 10008Code -0.010 213025 213091 213116	Type Hz Prec GDOP Satellites  Electric A East  Initialization type  Initialization type  Initialization type  Initialization type  Initialization type	Rapid point 0.017 1.9 12 0.016 On the fly On the fly On the fly	Search class Vt Prec HDOP Positions used  AElev  Survey type  Survey type  Survey type	As-staked 0.020 0.8 1 -600.221  Real-time  Real-time		
	Antenna height QC 1  Stake out point Method Stakeout  Initialization ever GPS week  Initialization ever	2.000  Deltas: Grid  nt: RTK not initialized  2375  nt: RTK not initialized	Method Type PDOP Base data age Design point: Pa To the point A North  Seconds  Seconds  Seconds  Seconds	Network RTK Uncorrected 1.4 1 arcReNe 10008Code -0.010 213025 213091 213116 213496	Type Hz Prec GDOP Satellites  E  A East  Initialization type  Initialization type  Initialization type  Initialization type	Rapid point 0.017 1.9 12 0.016 On the fly On the fly On the fly On the fly	Search class Vt Prec HDOP Positions used  ΔElev  Survey type  Survey type  Survey type  Survey type	As-staked 0.020 0.8 1 -600.221  Real-time  Real-time  Real-time		

mask Rover options

6

Rover options Elevation

13 PDOP mask

Elevation mask	13	PDOP mask	6					
Survey event								
Survey event		Rover started						
Note		VRS base: 42°2	23'20.01300", 21°09'0	0.56160", 620.1	71m			
Initialization ever	t: RTK initialized							
GPS week	2375	Seconds	214108	Initialization type	On the fly	Survey type	Real-time	
Survey event								
Survey event		End survey						
Rover options								
Elevation mask	13	PDOP mask	6					
musk								
Rover options								
Elevation mask	13	PDOP mask	6					
Survey event								
Survey event		Rover started						
Note		VRS base: 42°2	26'02.93026", 21°02'1	8.65539", 628.0	26m			
Initialization ever	t: RTK initialized							
GPS week	2375	Seconds	214240	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					
Survey event								
Survey event		Rover started						
Note		VRS base: 42°2	23'20.00520", 21°09'0	0.56220". 620 1	25m			
Initialization ever	t: RTK initialized	,	,	., 320.1				
GPS week	2375	Seconds	214286	Initialization type	On the fly	Survey type	Real-time	
Initialization ever	t: RTK not initialized	d						
GPS week	2375	Seconds		Initialization type	On the fly	Survey type	Real-time	
Initialization ever	t: RTK initialized							
GPS week	2375	Seconds		Initialization type	On the fly	Survey type	Real-time	
GNSS receiver								
Receiver type		R10						
Serial number Firmware version	n .	5452489155 4.9						
Antenna type	711	R10 Internal						
Measurement n		Bottom of quick	release					
Tape adjustment		0.000						
Vertical offset	<b></b>	0.000						 
<del></del>								 

Point	220086	х	4400603.345	Υ	1702477.795	z	4278027.017	Code	
		Method	Network RTK	Туре	Topo point	Search class	Normal		
Antenna height	2.500	Туре	Uncorrected	Hz Prec	0.322	Vt Prec	0.626		
QC 1		PDOP	2.0	GDOP	28	HDOP	11	VDOP	1.7
<b>4</b> 0.						Positions			""
		Base data age	1	Satellites	11	used	0		
QC 2		VCV xx (m²)	0.304928	VCV xy (m²)		VCV xz (m²)	0.179578		
				VCV yy (m²)	0.019506	VCV yz (m²)	0.014538		
						VCV zz (m²)	0.171499		
Warnings (2200	86)	Poor	orecision						
Conditions at st	torage (220086)	Poor	orecision						
Initialization avent	. DTV not initializa								
Initialization event	:: RTK not initialized	1							
GPS week	2375	Seconds	214487	Initialization	On the fly	Survey type	Real-time		
				type		3,5			
Initialization event	:: RTK initialized								
one	0075	0	044005	Initialization	O 41 41-	S	Do al timo		
GPS week	2375	Seconds	214665	type	On the fly	Survey type	Real-time		
Initialization event	:: RTK not initialized	t							
				Initialization	1				1
GPS week	2375	Seconds	214669	type	On the fly	Survey type	Real-time		
		l.		,		l.			
Initialization event	·· RTK initialized								
	Terre iiiidan20a								
GPS week	2375	Seconds	214780	Initialization	On the fly	Survey type	Real-time		
		<u> </u>	<u> </u>	type		<u> </u>	ļ.		
Initialization event	:: RTK not initialized	d							
GPS week	2375	Seconds	214781	Initialization	On the fly	Survey type	Real-time		
OI O WCCR	2010	occonds	214701	type	On the hy	ourvey type	Tear time		
Initialization event	:: RTK initialized								
		1_	1	Initialization	T	1_			
GPS week	2375	Seconds	215064	type	On the fly	Survey type	Real-time		
			*				*		
Initialization event	:: RTK not initialized	d							
		ı .	T .	1	1	ı .			
GPS week	2375	Seconds	215066	Initialization type	On the fly	Survey type	Real-time		
		J.	J.	1975	J	J.	J		
Initialization event	· DTK initialized								
initialization event	KTK iiiilializeu		,						
GPS week	2375	Seconds	215071	Initialization	On the fly	Survey type	Real-time		
				type	,	3, 31,			
Initialization event	:: RTK not initialized	d							
CDS week	2275	Sacanda	245072	Initialization	On the flu	Summer to an a	Dool time		
GPS week	23/5	Seconds	215073	type	On the lly	Survey type	Real-time		
Initialization event	:: RTK initialized								
		1	1	1	1	1	1		1
GPS week	2375	Seconds	215082	Initialization type	On the fly	Survey type	Real-time		
			ļ.	31.				<u> </u>	
Initialization event	:: RTK not initialized	4							
	TYTY HOT IIIIIIIIIZOC								
GPS week	2375	Seconds	215083	Initialization	On the fly	Survey type	Real-time		
				type	,				
Initialization event	:: RTK initialized								
CDC week	2275	Sacanda	245004	Initialization	On the flu	Summer to ma	Dool time		
GPS week	23/5	Seconds	215084	type	On the lly	Survey type	Real-time		
Initialization event	:: RTK not initialized	t							
			1	Initialization	1		1		1
GPS week	2375	Seconds	215089	type	On the fly	Survey type	Real-time		
				,					
Initialization event	:: RTK initialized								
			1		1		1		1
GPS week	2375	Seconds	215100	Initialization	On the fly	Survey type	Real-time		
		<u></u>		type		L	<u> </u>		

Initialization event: RTK not initialized

	nt: RTK not initialized	ı.							
GPS week	2375	Seconds	215116	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2375	Seconds	215150	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	<u> </u>				,			,
				Initialization					
GPS week	2375	Seconds	215151	type	On the fly	Survey type	Real-time		
initialization ever	nt: RTK initialized								
GPS week	2375	Seconds	215152	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	d							
GPS week	2375	Seconds	215155	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2375	Seconds	215160	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	d						_	
GPS week	2375	Seconds	215185	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized			,					,
GPS week	2375	Seconds	215378	Initialization type	On the fly	Survey type	Real-time		
Point	015	X Method	4397163.084 Network RTK		1702687.042	Z Search class	4281440.438 As-staked	Code	Ndarjetv 9611
Antenna	2 000	Туре	Uncorrected			Vt Prec	0.023		
height QC 1	2.000	PDOP		GDOP		HDOP		VDOP	1.7
401		Base data age		Satellites		Positions used	1.0	1001	1.7
Stake out point Method	: (015)	Design point: Nd To the point	arjetv 9611Code:					<u>I</u>	
Stakeout	Deltas: Grid		-0.014	Δ East	-0.015	ΔElev	-610.408		
Point	016	v	4397166.205	v	1702687.118	7	4281437.312	Cada	ndarje
Folilit	010	Method	Network RTK			Search class	Normal	Code	ndarje
Antenna	2.000	Туре	Uncorrected	Hz Prec	0.031	Vt Prec	0.049		
height QC 1		PDOP	2.4	GDOP	3.3	HDOP	1.2	VDOP	2.0
		Base data age		Satellites		Positions used	1		
Point	Ndarjetv 9636	North	4699021.840	East	7513796.451		0.000	Code	
Line									
Line		Name: Line0002	Code:						
Definition		Two points							
Start point		016							
End point Station details		Ndarjetv 9636	00 Station interval: '	2					
Point	vΔ	North	4699008.495		7513790.658	Elevation	0 170	Code	
Point	017		4397163.602 Network RTK	Y	1702687.659		4281439.689 As-staked		V4
Antenna	0.000		Uncorrected			Vt Prec	0.027		
	2.000	Туре						VDOD	
height		PDOP	2.7	GDOP		HDOP	1.6	VDOP	2.2
		Base data age	1	Satellites	10	Positions	1		
height	: (017)			Satellites	10	Positions used	1		
height QC 1	(017)	Base data age	Code:	Satellites  A East	10	Positions used	1		

GPS week	2375	Seconds	215669	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2375	Seconds	215680	Initialization type	On the fly	Survey type	Real-time		
Point	018	х	4397153.114	Υ	1702689.799	Z	4281449.480	Code	Ndarjetv 9636
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	2.000	Туре	Uncorrected	Hz Prec	0.013	Vt Prec	0.020		
QC 1		PDOP	1.8	GDOP	2.5	HDOP	1.0	VDOP	1.5
		Base data age	3	Satellites	11	Positions used	1		
Stake out point	l (018)	Design point: No	darjetv 9636Code:	ļ		useu			
Method	,	To the point	•						
Stakeout	Deltas: Grid	Δ North	0.018	Δ East	0.010	ΔElev	-610.381		
Point	019	х	4397153.401	Υ	1702690.455	Z	4281448.909	Code	ndarje
		Method	Network RTK		Rapid point	Search class	Normal		, ,
Antenna	2.000	Туре	Uncorrected	Hz Prec	0.012	Vt Prec	0.020		
height QC 1		PDOP	1.8	GDOP	2.5	HDOP		VDOP	1.5
QC I						Positions		VDOI	1.5
		Base data age	1	Satellites	11	used	1		
Line									
Line		Name: Line0003	3 Code:						
Definition		Two points							
Start point		019							
End point Station details		016 Start station: 0.0	000 Station interval:	2					
Point	v5	North	4699008.294		7513790.732	Elevation	0.400	Code	ndarje
Point	020		4397153.417	<del></del>	1702690.854		4281448.785		ndarje
		Method	Network RTK	Туре	Rapid point	Search class	Normal		,
Antenna height	2.000	Туре	Uncorrected	Hz Prec	0.013	Vt Prec	0.021		
QC 1		PDOP	1.9	GDOP	2.6	HDOP	1.0	VDOP	1.6
		Base data age		Satellites	11	Positions	1		
Point	021	_	4397152.376		1702704.226	used	4281444.834	Codo	ParcelaB 9697
l Ollit	021	Method	Network RTK		1 1 1	Search class	As-staked		r arcelab 3037
Antenna	2.000	Туре	Uncorrected	Hz Prec	0.015	Vt Prec	0.025		
height QC 1		PDOP		GDOP		HDOP		VDOP	2.2
		Base data age	1	Satellites	10	Positions	1		
Stake out line (	(021)		celaB 9697 Code:			used			
Method	021)	To the line	cciab 3007 Code.						
Station		1.818							
Elevation		0.000	1	Ŷ				,	
Stakeout	Deltas: Grid		_	Δ East	-0.013		-610.584		1000015 1101
Stakeout	Deltas: Linear	Δ Station	?	ΔOffset	0.014	ΔElev	-610.584	Grade to line	-4226045.41%
Point	022	X	4397152.700		1702703.807		4281445.627		shupa
		Method	Network RTK	Туре	Rapid point	Search class	Normal		
Antenna height	2.000	Туре	Uncorrected	Hz Prec	0.016	Vt Prec	0.028		
QC 1		PDOP	2.2	GDOP	3.1	HDOP	1.0	VDOP	2.0
		Base data age	1	Satellites	11	Positions	1		
Point	023	X	4397153.281	Υ	1702699.979	used Z	4281447.221	Code	shupa
		Method	Network RTK			Search class	Normal		знара
Antenna	2.000	Туре	Uncorrected	Hz Prec	0.048	Vt Prec	0.080		
height QC 1		PDOP	3.3	GDOP	4 7	HDOP	23	VDOP	2.4
		Base data age		Satellites		Positions	1		2
Dei: 1						used	1001115	0-4	
Point	024	X Method	4397153.597 Network RTK		1702697.351 Rapid point	Z Search class	4281448.177 Normal		shupa
Antenna	2 25 -								
height	2.000		Uncorrected			Vt Prec	0.030		
QC 1		PDOP	2.8	GDOP	3.9	HDOP Positions	1.7	VDOP	2.2
		Base data age	1	Satellites	10	Positions used	1		
Warnings (024	)	Poor	precision						
Survey event		,							
Survey event		Υ							
Cumiou ovent		End ourvoy							

Survey event

End survey

## Reduced points

Point	Auto0000	North	4697841.379	East	7508551.385 Elevation	600.311	Code	ParcReNe 10004
Point	Auto0001	North	4697843.484	East	7508558.244 Elevation	600.847	Code	ParcelaB 9820
Point	Auto0002	North	4697851.316	East	7508582.331 Elevation	600.122	Code	ParcelaB 9816
Point	Auto0003	North	4697865.212	East	7508631.084 Elevation	599.877	Code	ParcelaB 9812
Point	001	North	4697867.264	East	7508639.612 Elevation	599.857	Code	rrethoj
Point	002	North	4697882.967	East	7508636.107 Elevation	599.777	Code	ParcReNe 10023
Point	003	North	4697872.242	East	7508662.187 Elevation	599.849	Code	Ndarjet 10089
Point	004	North	4697855.620	East	7508666.075 Elevation	600.014	Code	Ndarjet 10114
Point	005	North	4697848.253	East	7508634.929 Elevation	600.542	Code	ParcReNe 9988
Point	006	North	4697892.457	East	7508674.974 Elevation	599.232	Code	ParcReNe 10024
Point	007	North	4697903.241	East	7508721.728 Elevation	599.012	Code	ParcReNe 10028
Point	008	North	4697919.779	East	7508801.647 Elevation	598.607	Code	ParcReNe 10032
Point	009	North	4697885.477	East	7508806.917 Elevation	598.894	Code	ParcReNe 10036
Point	010	North	4697859.290	East	7508681.603 Elevation	599.949	Code	ParcReNe 10037
Point	011	North	4697838.892	East	7508597.351 Elevation	600.214	Code	ParcReNe 9992
Point	012	North	4697824.414	East	7508560.015 Elevation	600.462	Code	ParcReNe 9996
Point	013	North	4697826.454	East	7508558.844 Elevation	600.447	Code	ParcReNe 10000
Point	014	North	4697856.795	East	7508544.247 Elevation	600.221	Code	ParcReNe 10008
Point	220086	North	4694374.647	East	7512362.321 Elevation	620.876	Code	
Point	015	North	4699009.539	East	7513790.296 Elevation	610.408	Code	Ndarjetv 9611
Point	016	North	4699005.247	East	7513789.249 Elevation	610.467	Code	ndarje
Point	Ndarjetv 9636	North	4699021.840	East	7513796.451 Elevation	0.000	Code	
Point	v4	North	4699008.495	East	7513790.658 Elevation	0.170	Code	
Point	017	North	4699008.510	East	7513790.687 Elevation	610.423	Code	v4
Point	018	North	4699021.823	East	7513796.442 Elevation	610.381	Code	Ndarjetv 9636
Point	019	North	4699021.063	East	7513796.952 Elevation	610.368	Code	ndarje
Point	v5	North	4699008.294	East	7513790.732 Elevation	0.400	Code	ndarje
Point	020	North	4699020.864	East	7513797.318 Elevation	610.402	Code	ndarje
Point	021	North	4699015.372	East	7513810.173 Elevation	610.584	Code	ParcelaB 9697
Point	022	North	4699015.854	East	7513809.663 Elevation	611.230	Code	shupa
Point	023	North	4699017.590	East	7513805.882 Elevation	611.685	Code	shupa
Point	024	North	4699018.732	East	7513803.314 Elevation	611.847	Code	shupa