# **Survey Report**

 Job name
 3709-9-jezerc

 Creation date
 15 Sep 2025

Version Trimble General Survey 3.21

Distance Units
Angle units
Pressure Units
Temperature Units

Meters
Gons
mbar
Celsius

### Coordinate system (Job)

System
Zone
Datum

## Projection

 Projection
 Transverse Mercator

 Origin lat
 0°00'00.00000"N

 Origin long
 21°00'00.00000"E

 False northing
 0.000

 False easting
 7500000.000

 Scale
 0.99990000

 South azimuth (grid)
 No

Grid coords Increase North-East

Ellipsoid Semi-major axis: 6378137.000 Flattening: 298.25722154

### Local site

Type Grid

Datum transformation

Type None

### **Collected Field Data**

### Projection

 Projection
 Transverse Mercator

 Origin lat
 0°00'00.00000"N

 Origin long
 21°00'00.00000"E

 False northing
 0.000

 False easting
 7500000.000

 Scale
 0.99990000

Ellipsoid Semi-major axis: 6378137.000 Flattening: 298.25722154

## Local site

Type Grid

## Datum transformation

Type None

# Feature library

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

## Corrections

South azimuth (grid) No

Grid coords Increase North-East
Magnetic declination 0.0000

Distances Grid
Neighborhood adjustment Off

## Rover options

Elevation	13 PDOP mask	6			
mask	13 PDOP IIIask	٥			

## Rover options

Elevation mask	13	PDOP mask	6			

Survey event									
Survey event		Rover started							
ote		VRS base: 42°2	1'47.26980", 21°00' <sup>2</sup>	13.08120", 1000.6	05m				
itialization ever	nt: RTK initialized								
PS week	2384	Seconds	140881	Initialization type	On the fly	Survey type	Real-time		
NSS receiver									
Receiver type		R10							
Serial number		5452489155 4.9							
irmware versi Antenna type	ion	R10 Internal							
leasurement r	method	Bottom of quick	release						
ape adjustme		0.000							
lorizontal offs	et	0.000							
ertical offset		0.199							
oint	Auto0000	x	4406748.288	Υ	1692628.688	z	4276183.362	Code	Ndarjet 10068
•	, idiooco	Method	Network RTK			Search class	As-staked		. rua.jot 10000
ntenna	1.800	Type	Uncorrected	• •		Vt Prec	0.013		
eight	1.800								
QC 1		PDOP	1.4	GDOP	1.9	HDOP Positions	0.8	VDOP	1.2
		Base data age	1	Satellites	14	Positions used	1		
take out point	t (Auto0000)		larjet 10068Code:						
lethod takeout	Deltas: Grid	To the point	0.000	Δ East	0.040	ΔElev	3.936	1	
iakeout	Delias: Gfid	A MOLLII	-0.020	∆ Ea≥[	0.018	TEIGA	3.936		
oint	Auto0001	X Method	4406734.526 Network RTK		1692621.850 Rapid point	Z Search class	4276204.887 As-staked	Code	Ndarjet 10041
intenna eight	1.800	Туре	Uncorrected	Hz Prec	0.026	Vt Prec	0.032		
eigiit (C 1		PDOP	2.0	GDOP	2.5	HDOP	1.0	VDOP	1.7
		Base data age		Satellites		Positions used	1		•••
take out point	t (Auto0001)	Design point: No	larjet 10041Code:						
/lethod		To the point							
Stakeout	Deltas: Grid	Δ North	-0.027	Δ East	-0.049	ΔElev	0.735		
oint	Auto0002	X Method	4406735.167 Network RTK	1	1692616.579 Rapid point	Z Search class	4276206.446 As-staked	Code	ParcelaB 9900
Antenna	1.800	Type	Uncorrected	Hz Prec	0.013	Vt Prec	0.017		
eight	1.000								4.0
QC 1		PDOP		GDOP		HDOP Positions	0.8	VDOP	1.2
		Base data age	1	Satellites	14	used	1		
take out point	t (Auto0002)		rcelaB 9900Code:						
lethod	Daltan Orid	To the point	0.044	A F 4	0.045	ΔElev	4000 000		
takeout	Deltas: Grid	Δ North	0.044	Δ East	0.015	ΔEIEV	-1000.898		
oint	Auto0003		4406737.752	Υ	1692599.991		4276207.965	Code	Ndarjet 10084
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
intenna eight	1.800	Туре	Uncorrected	Hz Prec	0.014	Vt Prec	0.019		
C 1		PDOP	1.5	GDOP	2.0	HDOP	8.0	VDOP	1.3
		Base data age		Satellites	13	Positions	1		
taka aut ==:	t (Auto0002)				10	used	'		
take out point ethod	t (Auto0003)	To the point	larjet 10084Code:						
takeout	Deltas: Grid		0.019	Δ East	-0.016	ΔElev	2.227		_
oint	Auto0004	x	4406745.988	Υ	1692604.100	Z	4276195.232	Code	Ndarjet 10083
		Method	Network RTK	1		Search class	As-staked	2000	radijet 10003
ntenna									
eight	1.800		Uncorrected			Vt Prec	0.018		
C 1		PDOP	1.4	GDOP	-	HDOP	0.8	VDOP	1.2
		Base data age	1	Satellites	14	Positions used	1		
ake out line (	(Auto0004)	Line name: Ndar	rjet 10083 Code:					<u> </u>	
ethod	•	To the line	-						
tation		15.622							
levation		1001.538							
takeout	Deltas: Grid			Δ East		ΔElev	4.038		
	Deltas: Linear	Δ Station	?	ΔOffset	-0.004	ΔElev	4.038	Grade to line	102974.99%
takeout									
oint	Auto0005	X Method	4406755.173 Network RTK	1	1692608.584 Rapid point	Z Search class	4276183.447 As-staked	Code	Ndarjet 10080

Antenna height	1.800	Туре	Uncorrected	Hz Prec	0.014	Vt Prec	0.018		
QC 1		PDOP		GDOP		HDOP	0.8	VDOP	1.2
		Base data age	1	Satellites	14	Positions used	1		
Stake out point	: (Auto0005)	Design point: No	darjet 10080Code:	<u>l</u>		uocu	<u> </u>		
Method		To the point		1		T	1		
Stakeout	Deltas: Grid	Δ North	-0.001	Δ East	0.012	ΔElev	4.456		
Point	Auto0006		4406753.309		1692611.720		4276183.611	Code	Ndarjet 10076
Antenna		Method _	Network RTK			Search class	As-staked		
height	1.800		Uncorrected			Vt Prec	0.019		
QC 1		PDOP		GDOP	2.0	HDOP Positions		VDOP	1.3
21.1	(4. ( 222)	Base data age		Satellites	13	used	1		
Stake out point	(Auto0006)	To the point	darjet 10076Code:						
Stakeout	Deltas: Grid		-0.010	Δ East	0.006	ΔElev	4.800		
Point	Auto0007	x	4406748.947	Y	1692623.024	7	4276184.024	Code	Ndarjet 10072
	, tatooor	Method	Network RTK			Search class	As-staked	Joac	ridaijot 10072
Antenna height	1.800	Туре	Uncorrected	Hz Prec	0.014	Vt Prec	0.019		
QC 1		PDOP	1.5	GDOP	2.0	HDOP	0.8	VDOP	1.3
		Base data age	1	Satellites	13	Positions used	1		
Stake out point	(Auto0007)	Design point: No	darjet 10072Code:	J					
Method Stakeout	Deltas: Grid	To the point	0.005	Δ East	0.035	ΔElev	4.535		
Stakeout			-0.005	Δ Easi	0.025	ΔEIGA	4.555		
Point	Auto0008	X Method	4406742.700		1692625.890		4276192.248	Code	Ndarjet 10067
Antenna	1.800		Network RTK Uncorrected			Search class Vt Prec	As-staked 0.020		
height QC 1	1.000	PDOP		GDOP		HDOP		VDOP	1.3
QC I		Base data age		Satellites		Positions	1	VDOP	1.3
Stake out line (	At-00008\		rjet 10067 Code:	Jatemies	13	used	'		
Method	Autouuoj	To the line	rjet 10007 Code.						
Station		10.792							
Elevation Stakeout	Deltas: Grid	1001.538	0.000	Δ East	0.003	ΔElev	2.544		
Stakeout	Deltas: Linear			ΔOffset		ΔElev		Grade to line	78505.20%
Point	Auto0009	Y	4406748.568	v	1692584.850	7	4276203.533	Code	ParcelaB 9888
Cinc	714100000	Method	Network RTK			Search class	As-staked	Joac	1 4,00,42 0000
Antenna height	1.800	Type	Uncorrected	Hz Prec	0.015	Vt Prec	0.020		
-	1.000	Type	Uncorrected						
QC 1	1.000	PDOP		GDOP	2.2	HDOP	0.9	VDOP	1.4
QC 1	1.000		1.6	GDOP Satellites	12	Positions	0.9	VDOP	1.4
QC 1 Stake out point		PDOP Base data age	1.6		12	HDOP Positions used		VDOP	1.4
Stake out point	(Auto0009)	PDOP  Base data age  Design point: Pa  To the point	1.6 1 arcelaB 9888Code:	Satellites	12	Positions used	1		1.4
Stake out point		PDOP  Base data age  Design point: Pa  To the point	1.6 1 arcelaB 9888Code:		12	Positions			1.4
Stake out point	(Auto0009)	PDOP  Base data age  Design point: Pa  To the point	1.6 1 arcelaB 9888Code:	Satellites	12	Positions used	1		1.4
Stake out point Method Stakeout Survey event	(Auto0009)	PDOP Base data age Design point: Pa To the point A North	1.6 1 arcelaB 9888Code:	Satellites	12	Positions used	1		1.4
Stake out point Method Stakeout	(Auto0009)	PDOP  Base data age  Design point: Pa  To the point	1.6 1 arcelaB 9888Code:	Satellites	12	Positions used	1		1.4
Stake out point Method Stakeout Survey event Survey event Rover options	Deltas: Grid	PDOP Base data age Design point: Pa To the point A North  End survey	1.6 1 arcelaB 9888Code: 0.004	Satellites Δ East	12	Positions used	1		1.4
Stake out point Method Stakeout Survey event Survey event	Deltas: Grid	PDOP Base data age Design point: Pa To the point A North	1.6 1 arcelaB 9888Code:	Satellites Δ East	12	Positions used	1		1.4
Stake out point Method Stakeout  Survey event  Survey event  Rover options  Elevation	Deltas: Grid	PDOP Base data age Design point: Pa To the point A North  End survey	1.6 1 arcelaB 9888Code: 0.004	Satellites Δ East	12	Positions used	1		1.4
Stake out point Method Stakeout Survey event Survey event Rover options Elevation mask Rover options Elevation	Deltas: Grid	PDOP Base data age Design point: Pa To the point A North  End survey	1.6 1 arcelaB 9888Code: 0.004	Satellites Δ East	12	Positions used	1		1.4
Stake out point Method Stakeout Survey event Survey event Rover options Elevation mask Rover options	Deltas: Grid	PDOP Base data age Design point: Pa To the point Δ North  End survey  PDOP mask	1.6 1 arcelaB 9888Code: 0.004	Satellites Δ East	12	Positions used	1		1.4
Stake out point Method Stakeout Survey event Survey event Rover options Elevation mask  Elevation mask	Deltas: Grid	PDOP Base data age Design point: Pa To the point Δ North  End survey  PDOP mask	1.6 1 arcelaB 9888Code: 0.004	Satellites Δ East	12	Positions used	1		1.4
Stake out point Method Stakeout Survey event Survey event Rover options Elevation mask Rover options Elevation survey event Survey event Survey event	Deltas: Grid	PDOP Base data age Design point: Pa To the point A North  End survey  PDOP mask  PDOP mask	1.6 1 arcelaB 9888Code: 0.004	Satellites  Δ East	0.000	Positions used	1		1.4
Stake out point Method Stakeout Survey event Survey event Rover options Elevation mask Rover options Elevation mask Survey event Survey event Note	Deltas: Grid	PDOP Base data age Design point: Pa To the point A North  End survey  PDOP mask  PDOP mask	1.6 1 arcelaB 9888Code: 0.004	Satellites  Δ East	0.000	Positions used	1		1.4
Stake out point Method Stakeout Survey event Survey event Rover options Elevation mask Rover options Elevation mask Survey event Survey event Survey event	Deltas: Grid  13  13  1t: RTK initialized	PDOP Base data age Design point: Pa To the point A North  End survey  PDOP mask  PDOP mask	1.6 1 arcelaB 9888Code: 0.004	Satellites  Δ East	758m	Positions used	1		1.4

Receiver type		R10							
Serial number		5452489155							
Firmware versi	on	4.9							
Antenna type		R10 Internal							
Measurement n	nethod	Bottom of quick	release						
Tape adjustme	nt	0.000							
Horizontal offs	et	0.000							
Vertical offset		0.199							
			4400700 055		1000501.000	_	1070107.171		
Point	Auto0010		4406796.655		1692561.382		4276167.174	Code	Ndarjet 10122
Antenna		Method	Network RTK	Type	Rapid point	Search class	As-staked		
height	1.800	Туре	Uncorrected	Hz Prec	0.009	Vt Prec	0.012		
QC 1		PDOP	2.1	GDOP		HDOP	1.2	VDOP	1.7
		Base data age	1	Satellites	12	Positions	1		
				Jatemiles	12	used	'		
Stake out point	: (Auto0010)		darjet 10122Code:						
Method	D. II. 0 : 1	To the point	0.000		0.050	451	4000 005	1	
Stakeout	Deltas: Grid	Δ North	-0.008	Δ East	-0.058	ΔElev	-1002.225		
Point	Auto0011	x	4406792.061	Y	1692554.875	7	4276180.378	Code	Ndarjet 10126
	7.0.00011	Method	Network RTK			Search class	As-staked	Jour	rtudijot 10120
Antenna	4 000								
height	1.800		Uncorrected			Vt Prec	0.013		
QC 1		PDOP	2.1	GDOP	2.9	HDOP	1.2	VDOP	1.7
		Base data age	1	Satellites	12	Positions used	1		
Stake out point	· (Auto0011)	Dosign point: No	lariot 10126Codo:			useu			
Stake out point	. (Aut00011)	To the point	darjet 10126Code:						
Stakeout	Deltas: Grid	<u> </u>	0.002	Δ East	0.007	ΔElev	-1006.229		
				<u></u>					
Point	Auto0012	х	4406799.432	Υ	1692556.612	Z	4276164.941	Code	Ndarjet 10118
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna	1.800	Type	Uncorrected	Hz Prec	0.011	Vt Prec	0.015		
height QC 1		PDOP	2.2	GDOP				VDOD	4.0
QC 1		РБОР	2.2	GDOP	3.1	HDOP Positions	1.2	VDOP	1.8
		Base data age	1	Satellites	11	used	1		
Stake out point	(Auto0012)	Design point: No	darjet 10118Code:						
Method		To the point							
Stakeout	Deltas: Grid	Δ North	-0.011	Δ East	-0.013	ΔElev	-1001.372		
				,					
Point	Auto0013		4406811.354		1692540.326		4276161.420	Code	Ndarjet 10114
	Auto0013	X Method	4406811.354 Network RTK			Z Search class	4276161.420 As-staked	Code	Ndarjet 10114
Antenna	Auto0013 2.500	Method		Туре	Rapid point				Ndarjet 10114
		Method	Network RTK Uncorrected	Туре	Rapid point 0.014	Search class	As-staked 0.019		Ndarjet 10114 2.0
Antenna height		Method Type PDOP	Network RTK Uncorrected 2.5	Type Hz Prec GDOP	Rapid point 0.014 3.5	Search class Vt Prec	As-staked 0.019 1.5		
Antenna height QC 1	2.500	Method Type	Network RTK Uncorrected 2.5	Type Hz Prec	Rapid point 0.014	Search class Vt Prec HDOP	As-staked 0.019		
Antenna height QC 1	2.500	Method Type PDOP Base data age Design point: No	Network RTK Uncorrected 2.5	Type Hz Prec GDOP	Rapid point 0.014 3.5	Search class Vt Prec HDOP Positions	As-staked 0.019 1.5		
Antenna height QC 1 Stake out point Method	2.500 (Auto0013)	Method Type PDOP Base data age Design point: No	Network RTK Uncorrected 2.5 1 darjet 10114Code:	Type Hz Prec GDOP Satellites	Rapid point 0.014 3.5 10	Search class Vt Prec HDOP Positions used	As-staked 0.019 1.5 1	VDOP	
Antenna height QC 1	2.500	Method Type PDOP Base data age Design point: No	Network RTK Uncorrected 2.5 1 darjet 10114Code:	Type Hz Prec GDOP	Rapid point 0.014 3.5 10	Search class Vt Prec HDOP Positions	As-staked 0.019 1.5	VDOP	
Antenna height QC 1 Stake out point Method Stakeout	2.500 (Auto0013)  Deltas: Grid	Method Type PDOP Base data age Design point: No To the point Δ North	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006	Type Hz Prec GDOP Satellites	Rapid point 0.014 3.5 10 0.059	Search class Vt Prec HDOP Positions used ΔElev	As-staked 0.019 1.5 1	VDOP	2.0
Antenna height QC 1 Stake out point Method	2.500 (Auto0013)	Method Type PDOP Base data age Design point: No To the point Δ North	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253	Type Hz Prec GDOP Satellites  Δ East	Rapid point 0.014 3.5 10 0.059	Search class Vt Prec HDOP Positions used ΔElev Z	As-staked 0.019 1.5 1 -1002.208 4276160.214	VDOP	
Antenna height QC 1 Stake out point Method Stakeout	2.500  (Auto0013)  Deltas: Grid  Auto0014	Method Type PDOP Base data age Design point: No To the point Δ North X Method	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK	Type Hz Prec GDOP Satellites  Δ East  Y Type	0.014 3.5 10 0.059 1692533.089 Rapid point	Search class Vt Prec HDOP Positions used  AElev  Z Search class	As-staked 0.019 1.5 1 -1002.208 4276160.214 As-staked	VDOP	2.0
Antenna height QC 1  Stake out point Method Stakeout  Point	2.500  (Auto0013)  Deltas: Grid  Auto0014	Method Type PDOP Base data age Design point: No To the point Δ North	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253	Type Hz Prec GDOP Satellites  Δ East  Y Type	0.014 3.5 10 0.059 1692533.089 Rapid point	Search class Vt Prec HDOP Positions used ΔElev Z	As-staked 0.019 1.5 1 -1002.208 4276160.214	VDOP	2.0
Antenna height QC 1  Stake out point Method Stakeout  Point Antenna	2.500  (Auto0013)  Deltas: Grid  Auto0014	Method Type PDOP Base data age Design point: No To the point Δ North X Method	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected	Type Hz Prec GDOP Satellites  Δ East  Y Type	0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2	Search class Vt Prec HDOP Positions used  AElev  Z Search class Vt Prec HDOP	As-staked 0.019 1.5 1 -1002.208 4276160.214 As-staked 0.017	VDOP	2.0
Antenna height QC 1  Stake out point Method Stakeout  Point Antenna height	2.500  (Auto0013)  Deltas: Grid  Auto0014	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec	0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions	As-staked 0.019 1.5 1 -1002.208 4276160.214 As-staked 0.017	VDOP	2.0 Ndarjet 10110
Antenna height QC 1  Stake out point Method Stakeout  Point  Antenna height QC 1	2.500  C(Auto0013)  Deltas: Grid  Auto0014  2.500	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3	Type Hz Prec GDOP Satellites  Δ East  Y Type Hz Prec GDOP	0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2	Search class Vt Prec HDOP Positions used  AElev  Z Search class Vt Prec HDOP	As-staked 0.019 1.5 1 -1002.208 4276160.214 As-staked 0.017 1.3	VDOP	2.0 Ndarjet 10110
Antenna height QC 1  Stake out point Method Stakeout  Point  Antenna height QC 1  Stake out point	2.500  C(Auto0013)  Deltas: Grid  Auto0014  2.500	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3	Type Hz Prec GDOP Satellites  Δ East  Y Type Hz Prec GDOP	0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions	As-staked 0.019 1.5 1 -1002.208 4276160.214 As-staked 0.017 1.3	VDOP	2.0 Ndarjet 10110
Antenna height QC 1  Stake out point Method Stakeout  Point Antenna height QC 1  Stake out point Method	2.500  C(Auto0013)  Deltas: Grid  Auto0014  2.500  C(Auto0014)	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code:	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.019 1.5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	VDOP  Code  VDOP	2.0 Ndarjet 10110
Antenna height QC 1  Stake out point Method Stakeout  Point  Antenna height QC 1  Stake out point	2.500  C(Auto0013)  Deltas: Grid  Auto0014  2.500	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code:	Type Hz Prec GDOP Satellites  Δ East  Y Type Hz Prec GDOP	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions	As-staked 0.019 1.5 1 -1002.208 4276160.214 As-staked 0.017 1.3	VDOP  Code  VDOP	2.0 Ndarjet 10110
Antenna height QC 1  Stake out point Method Stakeout  Point  Antenna height QC 1  Stake out point Method Stakeout	2.500  Deltas: Grid  Auto0014  2.500  (Auto0014)  Deltas: Grid	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point Δ North	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code:	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.019 1.5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	VDOP  Code  VDOP	2.0 Ndarjet 10110
Antenna height QC 1  Stake out point Method Stakeout  Point  Antenna height QC 1  Stake out point Method Stakeout	2.500  C(Auto0013)  Deltas: Grid  Auto0014  2.500  C(Auto0014)	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point Δ North	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code:	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.019 1.5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	VDOP  Code  VDOP	2.0 Ndarjet 10110
Antenna height QC 1  Stake out point Method Stakeout  Point  Antenna height QC 1  Stake out point Method Stakeout	2.500  Deltas: Grid  Auto0014  2.500  (Auto0014)  Deltas: Grid  nt: RTK not initialized	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point Δ North	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code:	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites  A East	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.019 1.5 1 1 -1002.208 4276160.214 As-staked 0.017 1.3 1	VDOP  Code  VDOP	2.0 Ndarjet 10110
Antenna height QC 1  Stake out point Method Stakeout  Point  Antenna height QC 1  Stake out point Method Stakeout	2.500  Deltas: Grid  Auto0014  2.500  (Auto0014)  Deltas: Grid  nt: RTK not initialized	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point Δ North	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code:	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.019 1.5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	VDOP  Code  VDOP	2.0
Antenna height QC 1  Stake out point Method Stakeout  Point  Antenna height QC 1  Stake out point Method Stakeout	2.500  Deltas: Grid  Auto0014  2.500  (Auto0014)  Deltas: Grid  nt: RTK not initialized	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point Δ North	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code:	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites  A East	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.019 1.5 1 1 -1002.208 4276160.214 As-staked 0.017 1.3 1	VDOP  Code  VDOP	2.0 Ndarjet 10110
Antenna height QC 1  Stake out point Method Stakeout  Point Antenna height QC 1  Stake out point Method Stakeout  Initialization ever	2.500  Deltas: Grid  Auto0014  2.500  (Auto0014)  Deltas: Grid  nt: RTK not initialized	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point Δ North	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code:	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites  A East	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.019 1.5 1 1 -1002.208 4276160.214 As-staked 0.017 1.3 1	VDOP  Code  VDOP	2.0 Ndarjet 10110
Antenna height QC 1  Stake out point Method Stakeout  Point Antenna height QC 1  Stake out point Method Stakeout  Initialization ever	2.500  Deltas: Grid  Auto0014  2.500  (Auto0014)  Deltas: Grid  at: RTK not initialized  2384	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point Δ North	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code: 0.016	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites  A East  Initialization type	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10 0.024 On the fly	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used  ΔElev  Survey type	As-staked 0.019 1.5 1 -1002.208 4276160.214 As-staked 0.017 1.3 1	VDOP	2.0 Ndarjet 10110
Antenna height QC 1  Stake out point Method Stakeout  Point Antenna height QC 1  Stake out point Method Stakeout  Initialization ever	2.500  Deltas: Grid  Auto0014  2.500  (Auto0014)  Deltas: Grid  at: RTK not initialized  2384	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point Δ North	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code:	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites  A East  Initialization type	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10 0.024 On the fly	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used	As-staked 0.019 1.5 1 1 -1002.208 4276160.214 As-staked 0.017 1.3 1	VDOP	2.0 Ndarjet 10110
Antenna height QC 1  Stake out point Method Stakeout  Point Antenna height QC 1  Stake out point Method Stakeout  Initialization ever	2.500  Deltas: Grid  Auto0014  2.500  (Auto0014)  Deltas: Grid  at: RTK not initialized  2384	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point Δ North	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code: 0.016	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites  A East  Initialization type	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10 0.024 On the fly	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used  ΔElev  Survey type	As-staked 0.019 1.5 1 -1002.208 4276160.214 As-staked 0.017 1.3 1	VDOP	2.0
Antenna height QC 1  Stake out point Method Stakeout  Point Antenna height QC 1  Stake out point Method Stakeout  Initialization ever  GPS week  GPS week	2.500  Deltas: Grid Auto0014  2.500  (Auto0014)  Deltas: Grid  at: RTK not initialized  2384  at: RTK initialized	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point Δ North  Seconds	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code: 0.016	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites  A East  Initialization type	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10 0.024 On the fly	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used  ΔElev  Survey type	As-staked 0.019 1.5 1 -1002.208 4276160.214 As-staked 0.017 1.3 1	VDOP	2.0
Antenna height QC 1  Stake out point Method Stakeout  Point Antenna height QC 1  Stake out point Method Stakeout  Initialization ever  GPS week  GPS week	2.500  Deltas: Grid  Auto0014  2.500  (Auto0014)  Deltas: Grid  at: RTK not initialized  2384	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point Δ North  Seconds	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code: 0.016	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites  A East  Initialization type	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10 0.024 On the fly	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used  ΔElev  Survey type	As-staked 0.019 1.5 1 -1002.208 4276160.214 As-staked 0.017 1.3 1	VDOP	2.0
Antenna height QC 1  Stake out point Method Stakeout  Point Antenna height QC 1  Stake out point Method Stakeout  Initialization ever  GPS week  GPS week	2.500  Deltas: Grid Auto0014  2.500  (Auto0014)  Deltas: Grid  at: RTK not initialized  2384  at: RTK not initialized	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point Δ North  Seconds	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code: 0.016	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites  A East  Initialization type  Initialization Initialization	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10 0.024 On the fly	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used  ΔElev  Survey type	As-staked 0.019 1.5 1 -1002.208 4276160.214 As-staked 0.017 1.3 1	VDOP	2.0
Antenna height QC 1  Stake out point Method Stakeout  Point  Antenna height QC 1  Stake out point Method Stakeout  Initialization ever GPS week  Initialization ever	2.500  Deltas: Grid Auto0014  2.500  (Auto0014)  Deltas: Grid  at: RTK not initialized  2384  at: RTK not initialized	Method Type PDOP Base data age Design point: No To the point Δ North  X Method Type PDOP Base data age Design point: No To the point Δ North  Seconds  Seconds	Network RTK Uncorrected 2.5 1 darjet 10114Code: 0.006 4406814.253 Network RTK Uncorrected 2.3 1 darjet 10110Code: 0.016	Type Hz Prec GDOP Satellites  A East  Y Type Hz Prec GDOP Satellites  A East  Initialization type	Rapid point 0.014 3.5 10 0.059 1692533.089 Rapid point 0.013 3.2 10 0.024 On the fly	Search class Vt Prec HDOP Positions used  ΔElev  Z Search class Vt Prec HDOP Positions used  ΔElev  Survey type	As-staked 0.019 1.5 1 1 -1002.208 4276160.214 As-staked 0.017 1.3 1 1 -1001.478 Real-time	VDOP	2.0

Initialization event: RTK not initialized  3PS week 2384 Seconds 143389 Initialization (bype On the fly Survey type Real-time)  3PS week 2384 Seconds 143372 Initialization (bype On the fly Survey type Real-time)  3PS week 2384 Seconds 143382 Initialization (bype On the fly Survey type Real-time)  3PS week 2384 Seconds 143384 Initialization (bype On the fly Survey type Real-time)  3PS week 2384 Seconds 143384 Initialization (bype On the fly Survey type Real-time)  3PS week 2384 Seconds 143384 Initialization (bype On the fly Survey type Real-time)  3PS week 2384 Seconds 143407 Initialization (bype On the fly Survey type Real-time)  3PS week 2384 Seconds 143407 Initialization (bype On the fly Survey type Real-time)  3PS week 2384 Seconds 143476 Initialization (bype On the fly Survey type Real-time)  3PS week 2384 Seconds 143476 Initialization (bype Real-time)  3PS week 2384 Seconds 143553 Initialization (bype Real-time)  3PS week 2384 Seconds 143553 Initialization (bype Real-time)												
SPS week   2384   Seconds   143289   Initialization   On the fly   Survey type   Real-time	GPS week	2384	Seconds	143274		On the fly	Survey type	Real-time				
SPS week   2384   Seconds   143289   Initialization   On the fly   Survey type   Real-time												
Process   1985   Seconds   143372   Initialization   On the fly   Survey type   Real-time	Initialization ever	nt: RTK not initialized	i 									
Initialization event: RTK not initialized   SPS week   2384   Seconds   143372   Initialization   Initiali	GPS week	2384	Seconds	143289		On the fly	Survey type	Real-time				
initialization event: RTK not initialized  SPS week 2384 Seconds 143382 Initialization	nitialization event: RTK initialized											
SPS week   2384   Seconds   143382   Initialization   On the fly   Survey type   Real-time	GPS week	2384	Seconds	143372		On the fly	Survey type	Real-time				
Ser Seek   2384   Seconds   143394   Initialization   Property	Initialization ever	nitialization event: RTK not initialized										
GPS week 2384 Seconds 143394 Initialization type On the fly Survey type Real-time  GPS week 2384 Seconds 143407 Initialization type On the fly Survey type Real-time  GPS week 2384 Seconds 143476 Initialization type On the fly Survey type Real-time  GPS week 2384 Seconds 143476 Initialization type On the fly Survey type Real-time  GPS week 2384 Seconds 143552 Initialization type On the fly Survey type Real-time  GPS week 2384 Seconds 143552 Initialization type On the fly Survey type Real-time  GPS week 2384 Seconds 143552 Initialization type On the fly Survey type Real-time  GPS week 2384 Seconds 143553 Initialization type On the fly Survey type Real-time	GPS week	2384	Seconds	143382		On the fly	Survey type	Real-time				
type On the fly Survey type Real-time    Contine fly Survey type   Real-time	Initialization ever	nitialization event: RTK initialized										
Seconds   143407   Initialization   No.   No.	GPS week	2384	Seconds	143394		On the fly	Survey type	Real-time				
initialization event: RTK initialized  GPS week 2384 Seconds 143476 Initialization type On the fly Survey type Real-time  GPS week 2384 Seconds 143552 Initialization type On the fly Survey type Real-time  GPS week 2384 Seconds 143552 Initialization type On the fly Survey type Real-time  GPS week 2384 Seconds 143552 Initialization type On the fly Survey type Real-time  GPS week 2384 Seconds 143553 Initialization type On the fly Survey type Real-time  GPS week 2384 Seconds 143553 Initialization type On the fly Survey type Real-time	Initialization ever	nt: RTK not initialized	i					•				
GPS week 2384 Seconds 143476 Initialization type On the fly Survey type Real-time  nitialization event: RTK not initialized  GPS week 2384 Seconds 143552 Initialization type On the fly Survey type Real-time  nitialization event: RTK initialized  GPS week 2384 Seconds 143553 Initialization type On the fly Survey type Real-time  Survey event	GPS week	2384	Seconds	143407		On the fly	Survey type	Real-time				
itialization event: RTK not initialized  GPS week 2384 Seconds 143552 Initialization type On the fly Survey type Real-time  initialization event: RTK initialized  GPS week 2384 Seconds 143553 Initialization type On the fly Survey type Real-time  GPS week 2384 Seconds 143553 Initialization type On the fly Survey type Real-time	Initialization ever	nt: RTK initialized										
GPS week 2384 Seconds 143552 Initialization type On the fly Survey type Real-time  Initialization event: RTK initialized  GPS week 2384 Seconds 143553 Initialization type On the fly Survey type Real-time  Survey event	GPS week	2384	Seconds	143476		On the fly	Survey type	Real-time				
type On the fly Survey type Real-time  initialization event: RTK initialized  GPS week 2384 Seconds 143553 Initialization type On the fly Survey type Real-time  Survey event	Initialization ever	nt: RTK not initialized	i									
GPS week 2384 Seconds 143553 Initialization type On the fly Survey type Real-time	GPS week	2384	Seconds	143552		On the fly	Survey type	Real-time				
Survey event	Initialization ever	nt: RTK initialized						•				
	GPS week	2384	Seconds	143553		On the fly	Survey type	Real-time				
Survey event End survey	Survey event											
	Survey event		End survey									

## Reduced points

Point	Auto0000	North	4691525.681	East	7500967.416	Elevation	997.602	Code	Ndarjet 10068
Point	Auto0001	North	4691551.887	East	7500965.964	Elevation	1000.803	Code	Ndarjet 10041
Point	Auto0002	North	4691553.908	East	7500960.815	Elevation	1000.898	Code	ParcelaB 9900
Point	Auto0003	North	4691557.409	East	7500944.407	Elevation	999.311	Code	Ndarjet 10084
Point	Auto0004	North	4691541.831	East	7500945.291	Elevation	997.500	Code	Ndarjet 10083
Point	Auto0005	North	4691526.267	East	7500946.186	Elevation	997.082	Code	Ndarjet 10080
Point	Auto0006	North	4691526.804	East	7500949.780	Elevation	996.738	Code	Ndarjet 10076
Point	Auto0007	North	4691527.123	East	7500961.894	Elevation	997.003	Code	Ndarjet 10072
Point	Auto0008	North	4691536.434	East	7500966.806	Elevation	998.994	Code	Ndarjet 10067
Point	Auto0009	North	4691550.988	East	7500926.400	Elevation	999.773	Code	ParcelaB 9888
Point	Auto0010	North	4691499.553	East	7500887.267	Elevation	1002.225	Code	Ndarjet 10122
Point	Auto0011	North	4691513.767	East	7500882.839	Elevation	1006.229	Code	Ndarjet 10126
Point	Auto0012	North	4691497.309	East	7500881.821	Elevation	1001.372	Code	Ndarjet 10118
Point	Auto0013	North	4691491.141	East	7500862.348	Elevation	1002.208	Code	Ndarjet 10114
Point	Auto0014	North	4691490.175	East	7500854.555	Elevation	1001.478	Code	Ndarjet 10110