Survey Report

 Job name
 61-0-prel_muh

 Creation date
 19 Aug 2025

Version Trimble General Survey 3.21

Distance Units
Angle units
Pressure Units
Temperature Units

Meters
Gons
mbar
Celsius
Celsius

Coordinate system (Job)

System
Zone
Datum

Projection

 Projection
 Transverse Mercator

 Origin lat
 0°00'00.00000"N

 Origin long
 21°00'00.00000"E

 False northing
 0.000

 False easting
 7500000.000

 Scale
 0.99990000

 South azimuth (grid)
 No

Grid coords Increase North-East

Ellipsoid Semi-major axis: 6378137.000 Flattening: 298.25722154

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

Magnetic declination 0.0000
Distances Grid
Neighborhood adjustment Off

Rover options

Elevation	13 PDOP mask	6			
mask	15 I DOI IIIask	١			

Rover options

Elevation mask	13	PDOP mask	6			

Survey event		Rover started							
Note		VRS base: 42°2	6'12.75540", 21°10'	03.62820", 616.9	62m				
nitialization eve	nt: RTK initialized								
GPS week	2329	Seconds	203694	Initialization type	On the fly	Survey type	Real-time		
SNSS receiver				1.00					
Receiver type		R10							
Serial number		5452489155							
Firmware versi	ion	4.9							
Antenna type Measurement i	method	R10 Internal Bottom of quick	release						
Tape adjustme		0.000	. 0.0000						
Horizontal offs	et	0.000							
Vertical offset		0.199							
Point	Auto0000		4396744.850		1702518.690		4281939.599	Code	Ndarje 981
A 4		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	2.000	Туре	Uncorrected	Hz Prec	0.017	Vt Prec	0.023		
QC 1		PDOP	1.9	GDOP		HDOP	1.1	VDOP	1.
		Base data age	2	Satellites	10	Positions used	1		
Stake out poin	t (Auto0000)	Design point: No	darje 9817Code:	<u> </u>	I	-		1	
Method	Delta-: O : 1	To the point	0.004	A Fost	0.001	A Elov	644.407		
Stakeout	Deltas: Grid	Δ North	0.024	Δ East	0.001	ΔElev	-614.487		
Point	Auto0001		4396747.587		1702518.012		4281936.785	Code	ZYRTARE 967
Antorna		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	2.000	Туре	Uncorrected	Hz Prec	0.013	Vt Prec	0.017		
QC 1		PDOP	1.9	GDOP		HDOP	1.1	VDOP	1.
		Base data age	2	Satellites	10	Positions used	1		
Stake out poin	t (Auto0001)		/RTARE 9676Code:						
Method Stakeout	Deltas: Grid	To the point Δ North	0.012	Δ East	-0.027	ΔElev	-614.292		
Point	Auto0002	X Method	4396743.472 Network RTK		1702535.864 Rapid point	Z Search class	4281934.369 As-staked	Code	Ndarje 984
Antenna	2 000	Туре	Uncorrected			Vt Prec	0.017		
height	2.000							VDCD	
QC 1		PDOP		GDOP		HDOP Positions	1.3	VDOP	1.
.	1/4 / 5222	Base data age		Satellites	9	used	1		
Stake out poin Method	t (Auto0002)	Design point: No To the point	darje 9846Code:						
Stakeout	Deltas: Grid		0.009	Δ East	0.017	ΔElev	-614.587		
Point	Auto0003		4396745.172	Υ	1702548.512		4281927.512	Code	ZYRTARE 967
	Autouous	Method	Network RTK			Search class	As-staked	300E	211(IAI)L 907
Antenna	2.000	Туре	Uncorrected			Vt Prec	0.015		
height QC 1		PDOP		GDOP		HDOP		VDOP	1.
40 I				Satellites	2.0	Positions	1.1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Stoke and	4 (Aut-0000)	Base data age			10	used	1		
Stake out poin Method	t (Auto0003)	To the point	/RTARE 9672Code:						
Stakeout	Deltas: Grid	<u> </u>	-0.005	Δ East	0.013	ΔElev	-614.501		
Point	Auto0004	Х	4396729.654	Υ	1702554.117	Z	4281942.129	Code	ZYRTARE 966
		Method	Network RTK			Search class	As-staked		
	2.000	Туре	Uncorrected	Hz Prec	0.011	Vt Prec	0.014		
		PDOP	1.8	GDOP		HDOP	1.1	VDOP	1.
height		Base data age		Satellites		Positions	1		
Antenna height QC 1		_				used	<u> </u>	<u> </u>	
height QC 1	t (Auto0004)	Design point: 7\	TITIL BOUGGOOD						
height QC 1 Stake out poin	t (Auto0004)	Design point: Z\ To the point							
height QC 1 Stake out poin Method	t (Auto0004) Deltas: Grid	To the point	-0.019	Δ East	-0.010	ΔElev	-615.177		
height QC 1 Stake out poin Method Stakeout	Deltas: Grid	To the point Δ North							7YRTARF 966
height QC 1 Stake out poin Method Stakeout		To the point Δ North	-0.019 4396717.586 Network RTK	Υ	1702559.087		-615.177 4281953.548 As-staked		ZYRTARE 966
height QC 1 Stake out poin Method Stakeout Point Antenna	Deltas: Grid	To the point Δ North X Method	4396717.586 Network RTK	Y Type	1702559.087 Rapid point	Z Search class	4281953.548 As-staked		ZYRTARE 966
height QC 1 Stake out poin Method	Deltas: Grid	To the point Δ North	4396717.586 Network RTK Uncorrected	Y Type	1702559.087 Rapid point 0.011	z	4281953.548 As-staked 0.014		ZYRTARE 966

	Deltas: Grid Auto0006 2.000 uto0006) Deltas: Grid Auto0007 2.000	To the point Δ North X Method Type PDOP Base data age Design point: ZY To the point Δ North X Method	4396696.235 Network RTK Uncorrected 1.8 2 RTARE 9660Code:	Type Hz Prec GDOP Satellites Δ East	1702568.564 Rapid point 0.011	Search class Vt Prec HDOP	-615.902 4281973.106 As-staked 0.013 1.0	Code	ZYRTARE 9660
Point Antenna neight QC 1 Stake out point (Au Method Stakeout Point Antenna neight QC 1 Stake out point (Au Antenna neight QC 1	Deltas: Grid Auto0006 2.000 uto0006) Deltas: Grid Auto0007 2.000	X Method Type PDOP Base data age Design point: ZY To the point Δ North X Method	4396696.235 Network RTK Uncorrected 1.8 2 RTARE 9660Code: 0.046	Y Type Hz Prec GDOP Satellites	1702568.564 Rapid point 0.011 2.4	Z Search class Vt Prec HDOP Positions	4281973.106 As-staked 0.013	Code	
Point Antenna neight QC 1 Stake out point (Au Method Stakeout Point Antenna neight QC 1	Auto0006 2.000 uto0006) Deltas: Grid Auto0007 2.000	X Method Type PDOP Base data age Design point: ZY To the point Δ North X Method	4396696.235 Network RTK Uncorrected 1.8 2 RTARE 9660Code: 0.046	Y Type Hz Prec GDOP Satellites	1702568.564 Rapid point 0.011 2.4	Z Search class Vt Prec HDOP Positions	4281973.106 As-staked 0.013	Code	
Antenna neight QC 1 Stake out point (Au Wethod Stakeout Point Antenna neight QC 1 Stake out point (Au	2.000 uto0006) Deltas: Grid Auto0007 2.000	Method Type PDOP Base data age Design point: ZY To the point Δ North X Method	Network RTK Uncorrected 1.8 2 RTARE 9660Code: 0.046 4396696.417	Type Hz Prec GDOP Satellites Δ East	Rapid point 0.011 2.4 10	Search class Vt Prec HDOP Positions	As-staked 0.013		
Stake out point (Au Method Stakeout Point Antenna neight QC 1 Stake out point (Au	uto0006) Deltas: Grid Auto0007 2.000	PDOP Base data age Design point: ZY To the point Δ North X Method	1.8 2 RTARE 9660Code: 0.046 4396696.417	GDOP Satellites Δ East	2.4	HDOP Positions			1.9
Stake out point (Au Method Stakeout Point Antenna neight QC 1	Deltas: Grid Auto0007 2.000	Base data age Design point: ZY To the point Δ North X Method	2 RTARE 9660Code: 0.046 4396696.417	Satellites Δ East	10	Positions	1.0 1	VDOP	1.0
Point Antenna neight QC 1 Stake out point (Au	Deltas: Grid Auto0007 2.000	Design point: ZY To the point A North X Method	RTARE 9660Code: 0.046 4396696.417	Δ East			1		1
Point Antenna neight QC 1 Stake out point (Au	Deltas: Grid Auto0007 2.000	To the point Δ North X Method	0.046		0.00				
Point Antenna neight QC 1 Stake out point (Au	Deltas: Grid Auto0007 2.000	Δ North X Method	4396696.417		0.00:			\	
Point Antenna neight QC 1 Stake out point (At	Auto0007	X Method	4396696.417			A.F.I	040 004	1	
Antenna height QC 1	2.000	Method		v	-0.004	ΔΕΙΕΥ	-616.931		
neight QC 1 Stake out point (Au	2.000		Network RTK		1702547.554	1	4281981.055	Code	Ndarje 985
neight QC 1 Stake out point (Au		Туре			, ,	Search class	As-staked		
QC 1 Stake out point (Au			Uncorrected			Vt Prec	0.014		
		PDOP	1.8	GDOP		HDOP Positions	1.0	VDOP	1.5
		Base data age	2	Satellites	10	used	1		
welliod		Design point: Nd	arje 9850Code:						
Stakeout	Deltas: Grid	To the point Δ North	-0.025	Δ East	-0.010	ΔElev	-616.821		
Point	Auto0008	X Method	4396682.795 Network RTK		1702575.216 Rapid point	Z Search class	4281985.034 As-staked	Code	ZYRTARE 9656
Antenna	2.000		Uncorrected	••		Vt Prec	0.014		
height		PDOP						VDOP	4.
QC 1				GDOP Satellites	2.0	HDOP Positions	0.8	ADOL	1.3
04-1 1 - 1 - 1 - 1		Base data age		Jatemies	11	used	1		
Stake out point (Aเ Method	I	Design point: ZY To the point	RTARE 9656Code:						
Stakeout	Deltas: Grid		-0.014	Δ East	0.003	ΔElev	-617.503		
Point	Auto0009	x	4396667.424	Υ	1702585.566	7	4281998.209	Code	ZYRTARE 9652
. J		Method	Network RTK			Search class	As-staked	3000	ZINIANE 9002
Antenna	2.000	Туре	Uncorrected	Hz Prec		Vt Prec	0.013		
height QC 1		PDOP	1.5	GDOP	2.0	HDOP	0.8	VDOP	1.3
		Base data age		Satellites	11	Positions	1		
Stake out point (Au			RTARE 9652Code:		1	used		<u> </u>	
Method	, ,	To the point							
Stakeout	Deltas: Grid	Δ North	-0.036	Δ East	0.019	ΔElev	-618.573		
Point	Auto0010	Х	4396674.709	Υ	1702554.560	Z	4282001.916	Code	Ndarje 9854
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	2.000	Туре	Uncorrected	Hz Prec	0.011	Vt Prec	0.013		
QC 1		PDOP	1.5	GDOP		HDOP	0.8	VDOP	1.0
		Base data age	1	Satellites	11	Positions used	1		
Stake out point (Au	uto0010)	Design point: Nd	arje 9854Code:						
Method		To the point	2.22	A.E	1 22:-	AFI	0.7	i .	
Stakeout	Deltas: Grid	Δ North	-0.009	Δ East	-0.010	ΔElev	-617.825		
Point	Auto0011		4396656.086		1702563.816	1	4282018.793		Ndarje 985
Antenna		Method	Network RTK	• •	, ,	Search class	As-staked		
neight	2.000		Uncorrected			Vt Prec	0.013		
QC 1		PDOP		GDOP		HDOP Positions	0.8	VDOP	1.:
		Base data age		Satellites	12	used	1		
Stake out point (Au Method		Design point: Nd	arje 9858Code:						
Method Stakeout	Deltas: Grid	To the point Δ North	-0.009	Δ East	0.000	ΔElev	-618.863		
Point	Auto0012	X Method	4396650.658 Network RTK		1702568.546 Rapid point	Z Search class	4282023.085 As-staked		Ndarje 986
Antenna									
neight	2.000		Uncorrected			Vt Prec	0.012		
QC 1		PDOP		GDOP		HDOP Positions	0.8	VDOP	1.
		Base data age		Satellites	12	used	1		
Stake out point (Au Method		Design point: Nd To the point	arje 9866Code:						

Stakeout	Deltas: Grid	Δ North	-0.022	Δ East	0.001	ΔElev	-619.284		
Point	Auto0013	X Method	4396653.370 Network RTK		1702594.373 Rapid point	Z Search class	4282010.433 As-staked	Code	ZYRTARE 964
Antenna	2.000	Type	Uncorrected	• •		Vt Prec	0.011		
height	2.000							VDOD	
QC 1		PDOP		GDOP Satellites	1.9	HDOP Positions	0.8	VDOP	1.
Stake out point	/Auto0013\	Base data age	'RTARE 9648Code:	Satemites	12	used	'		
Method	(Auto0013)	To the point	INTAINE 304000de.						
Stakeout	Deltas: Grid	Δ North	0.012	Δ East	0.005	ΔElev	-619.496		
Point	Auto0014	X Method	4396639.627 Network RTK		1702606.639 Rapid point	Z Search class	4282021.145 As-staked		ZYRTARE 964
Antenna height	2.000	Туре	Uncorrected	Hz Prec	0.008	Vt Prec	0.010		
QC 1		PDOP	1.3	GDOP	17	HDOP	0.7	VDOP	1.
		Base data age		Satellites	13	Decitions	1		
Stake out point Method	(Auto0014)	Design point: ZY To the point	RTARE 9644Code:			useu		<u> </u>	
Stakeout	Deltas: Grid	Δ North	0.039	Δ East	0.018	ΔElev	-620.535		
Point	Auto0015	X	4396631.630	Υ	1702593.083	Z	4282034.918	Code	ZYRTARE 964
		Method	Network RTK			Search class	As-staked		
Antenna height	2.000	Туре	Uncorrected	Hz Prec	0.008	Vt Prec	0.010		
QC 1		PDOP	1.3	GDOP		HDOP	0.7	VDOP	1.
		Base data age	1	Satellites	13	Positions used	1		
Stake out point	` '	Design point: ZY To the point	'RTARE 9640Code:	1	1	1	<u> </u>	J.	
Metnod Stakeout	Deltas: Grid		-0.033	Δ East	-0.001	ΔElev	-620.714		
Daint 1			4000000 155	· · · · · · · · · · · · · · · · · · ·	17001	-	40000=1 0= :		7/07:05:55
Point	Auto0016	X Method	4396622.402 Network RTK		1702574.738 Rapid point	Z Search class	4282051.854 As-staked	Code	ZYRTARE 970
Antenna	2.000	Tyne	Uncorrected	Hz Prec	0.008	Vt Prec	0.010		
height QC 1	2.000	PDOP		GDOP		HDOP		VDOP	
U U I		Base data age		Satellites	1.7	Positions	0.7	VDOP	1.
Stake out point	(Auto0016)		' 'RTARE 9701Code:	22.303	13	used	'		
Method		To the point							
Stakeout	Deltas: Grid	Δ North	-0.025	Δ East	-0.018	ΔElev	-620.901		
Point	Auto0017	X Method	4396641.276		1702557.906	Z Search class	4282037.959		ZYRTARE 970
Antenna			Network RTK	• •			As-staked		
height	2.000	Туре	Uncorrected	Hz Prec	0.009	Vt Prec	0.010		
QC 1		PDOP	1.3	GDOP	1.7	HDOP	0.7	VDOP	1.
		Base data age	1	Satellites	13	Positions used	1		
Stake out point	` '	Design point: ZY To the point	'RTARE 9700Code:						
Stakeout	Deltas: Grid		-0.003	Δ East	0.012	ΔElev	-620.029		
Point	Auto0018	х	4396647.189	Υ	1702553.419	z	4282033.379	Code	Ndarje 992
,	. 12100010	Method	Network RTK		1	Search class	As-staked		
Antenna	2.000	Туре	Uncorrected	Hz Prec	0.009	Vt Prec	0.010		
height QC 1		PDOP		GDOP		НДОР		VDOP	1.
		Base data age		Satellites	14	Desitions	1		''
Stake out point	` '	Design point: No	larje 9922Code:	<u> </u>	<u> </u>	Juseu	<u> </u>	<u>J</u>	
Method Stakeout	Deltas: Grid	To the point Δ North	-0.030	Δ East	0.008	ΔElev	-619.812		
	Auto0019	х	4396654.038	Υ	1702548.135		4282027.840	Code	ZYRTARE 969
Point	, 10100019	Method	Network RTK			Search class	As-staked		21117412 303
			Uncorrected	Hz Prec	0.009	Vt Prec	0.010		
Antenna	2.000	Туре	Oncorrected		1	HDOP	0.7	VDOP	1.
Antenna height	2.000	Type PDOP		GDOP	1.7	прог			1
Antenna height	2.000		1.3	GDOP Satellites		Desitions	1		
Antenna height QC 1		PDOP Base data age Design point: ZY	1.3			Positions	1		
Antenna neight QC 1 Stake out point Method		PDOP Base data age Design point: ZY To the point	1.3 1 (RTARE 9696Code:		14	Positions	-619.379		
Antenna neight QC 1 Stake out point Wethod Stakeout	(Auto0019) Deltas: Grid	PDOP Base data age Design point: ZY To the point Δ North	1.3 1 (RTARE 9696Code: -0.009	Satellites Δ East	-0.017	Positions used	-619.379		ZVDTADE 000
Point Antenna height QC 1 Stake out point Method Stakeout Point	(Auto0019)	PDOP Base data age Design point: ZY To the point Δ North	1.3 1 (RTARE 9696Code:	Satellites Δ East	-0.017 1702541.063	Positions used	1	Code	ZYRTARE 969

Stake out point (Auto0020) Design point ZYRTARE 9692Code: Stake out point (Auto0020) Design point ZYRTARE 9692Code: To the point Stake out point (Auto0020) Design point ZYRTARE 9692Code: To the point Stake out point (Auto0020) Design point ZYRTARE 9692Code: To the point Stake out point (Auto0021) About 1 Design point ZYRTARE 9692Code: To the point Auto0021 About 1 Design point ZYRTARE 9692Code: To the point Auto0021 About 1 Design point ZYRTARE 9692Code: To the point Auto0021 About 1 Design point ZYRTARE 9692Code: To the point Auto0021 About 1 Design point ZYRTARE 9692Code: To the point Auto0022 About 1 Design point ZYRTARE 9692Code: To the point Auto0022 About 1	Antenna height	2.000	Туре	Uncorrected	Hz Prec	0.009	Vt Prec	0.010		
Section Company Comp	-		PDOP	1.3	GDOP	1.7	HDOP	0.7	VDOP	1.1
State out point (Auto9029)			Base data age	1	Satellites	14		1		
State cost	Stake out point	L (Auto0020)	Design point: ZY	RTARE 9692Code:			uscu			
Point			· ·							
Mathed	Stakeout	Deltas: Grid	Δ North	0.011	Δ East	0.019	ΔElev	-618.641		
Anthonia 2,000 Type Dromotodo 12 Perce 0.009 V Perc 0.010 N Port 1 Port	Point	Auto0021							Code	ZYRTARE 9688
Integral 2.000 Type	Antenna		Method							
Base out point (Auto0021)	height	2.000								
Stake out point Auto0022 Design point: ZYRTARE 5080cdost: Notice out point Auto0022 Aut	QC 1		PDOP					0.7	VDOP	1.1
Stake-out Defase Grip A North 0.002 A East 0.022 A Elev 4-519.239			Base data age	2	Satellites	14		1		
Point		t (Auto0021)		'RTARE 9688Code:						
Point		Deltas: Grid		0.002	Δ East	0.023	ΔElev	-618.238		
Method Newtork TRT, Type Rapid port Search class As-staked Newtork TRT, Type Rapid port Search class As-staked Newtork PRT, Type Rapid port Search class As-staked As-staked Newtork PRT, Type Rapid port Search class As-staked As-staked Newtork PRT, Type Rapid port Search class As-staked As-staked Newtork PRT, Type Rapid port Search class As-staked As-staked As-staked As-staked Newtork PRT, Type Rapid port Search class As-staked As-staked As-staked Newtork PRT, Type Rapid port Search class As-staked Newtork PRT, Type Rapid								4000000 040		7/27/25 200/
Antenna	Point	Aut00022			1				Code	ZYRTARE 9684
Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022) Design point. ZYRTARE 988C/doi: To the point Stake out point (Auto022		2.000	Туре		••			0.010		
Stake out point (Auto0023) Design point ZYRTARE 9884Code:	_								VDOP	1.1
Stake out point (Auto0022)			Base data age				Positions	1		
Stake out point (Auto0023)	Stake out point	(Auto0022)					usea			
Point										
Method Network RTX Type	Stakeout	Deltas: Grid	Δ North	-0.007	Δ East	0.021	ΔElev	-617.805		
Antenna height 2,000 Type Uncorrected 1z Prec 0.010 Vt Prec 0.011 OC 1 Base data age 1 Satellites 14 Positions Used Uncorrected 1z Prec 0.010 Vt Prec 0.011 OC 1	Point	Auto0023	х	4396697.510	Υ	1702530.363	Z	4281987.102	Code	ZYRTARE 9680
No.			Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Stake out point (Auto0023)		2.000	Туре	Uncorrected	Hz Prec	0.010	Vt Prec	0.011		
Stake out point (Auto0223) Delign point: ZYRTARE 9680Code: To the point Type Delign point: ZYRTARE 9680Code: To the point Delign point: Auto0224 Assertable Delign point: Auto0224 Delign point: Auto0224 Delign point: Auto0224 Delign point: Auto0225 Delign point: Auto0226 Delign Point:	QC 1		PDOP	1.3	GDOP	1.7		0.7	VDOP	1.1
Stake out point (Auto0024) Auto0024 Code Co			Base data age	1	Satellites	14		1		
Point	_	t (Auto0023)		RTARE 9680Code:						
Point			To the point							
Method Network RTK Type Rapid point Search class As-staked Antenna height PDOP 1.3 GDOP 1.7 Positions 1 Positions	STAKAOUT	Deltas: Grid	A North	0.007	Λ Fast	0.031	ΛFlev	-617 072		
Antenna height Ante										
PDOP 1.3 GDOP 1.7 HDOP 0.7 VDOP 1			x	4396744.842	Υ	1702518.669	Z	4281939.619	Code	Ndarje 9817
Stake out point (Auto0024) Design point: Ndarje 9817Code: Method To the point	Point Antenna	Auto0024	X Method	4396744.842 Network RTK	Y Type	1702518.669 Rapid point	Z Search class	4281939.619 As-staked	Code	Ndarje 9817
Stake out point (Auto0024) Design point: Ndarje 9817Code: To the point	Point Antenna height	Auto0024	X Method Type	4396744.842 Network RTK Uncorrected	Y Type Hz Prec	1702518.669 Rapid point 0.009	Z Search class Vt Prec	4281939.619 As-staked 0.010		
Method Deltas: Grid A North Deltas: Grid A North Deltas: Grid A North Deltas: Grid A North Deltas: Grid A Network RTK Type Rapid point Search class As-staked Antenna Aleight Antenna Aleight Deltas: Grid Antenna Aleight Aleight Aleight Deltas: Grid Antenna Aleight A	Point Antenna height	Auto0024	X Method Type PDOP	4396744.842 Network RTK Uncorrected 1.3	Y Type Hz Prec GDOP	1702518.669 Rapid point 0.009 1.7	Z Search class Vt Prec HDOP Positions	4281939.619 As-staked 0.010		Ndarje 9817
Point	Point Antenna height QC 1	Auto0024 2.000	X Method Type PDOP Base data age	4396744.842 Network RTK Uncorrected 1.3	Y Type Hz Prec GDOP	1702518.669 Rapid point 0.009 1.7	Z Search class Vt Prec HDOP Positions	4281939.619 As-staked 0.010		
Antenna Ant	Point Antenna height QC 1 Stake out point	Auto0024 2.000	X Method Type PDOP Base data age Design point: No	4396744.842 Network RTK Uncorrected 1.3	Y Type Hz Prec GDOP	1702518.669 Rapid point 0.009 1.7	Z Search class Vt Prec HDOP Positions	4281939.619 As-staked 0.010		
Antenna Ant	Point Antenna height QC 1 Stake out point Method	Auto0024 2.000	X Method Type PDOP Base data age Design point: No To the point	4396744.842 Network RTK Uncorrected 1.3 2 darje 9817Code:	Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14	Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1	VDOP	
No.000	Point Antenna height QC 1 Stake out point Method Stakeout	Auto0024 2.000 t (Auto0024) Deltas: Grid	X Method Type PDOP Base data age Design point: No To the point A North	4396744.842 Network RTK Uncorrected 1.3 2 larje 9817Code:	Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14	Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1	VDOP	1.1
QC 1	Point Antenna height QC 1 Stake out point Method Stakeout Point	Auto0024 2.000 t (Auto0024) Deltas: Grid	X Method Type PDOP Base data age Design point: No To the point Δ North	4396744.842 Network RTK Uncorrected 1.3 2 larje 9817Code: -0.001	Y Type Hz Prec GDOP Satellites Δ East	1702518.669 Rapid point 0.009 1.7 14 0.017	Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761	VDOP	
Stake out point (Auto0025) Method To the point Stakeout Deltas: Grid A North O.048 A East O.010 A Elev -614.295 Survey event End survey Rover options Elevation mask 13 PDOP mask 6 Rover options Elevation mask 13 PDOP mask 6	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025	X Method Type PDOP Base data age Design point: No To the point Δ North X Method	4396744.842 Network RTK Uncorrected 1.3 2 darje 9817Code: -0.001 4396747.618 Network RTK	Y Type Hz Prec GDOP Satellites Δ East Y Type	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point	Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked	VDOP	1.1
Method	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type	4396744.842 Network RTK Uncorrected 1.3 2 darje 9817Code: -0.001 4396747.618 Network RTK Uncorrected	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009	VDOP	1.1
Survey event Survey event End survey End survey Elevation mask 13 PDOP mask 6 Rover options Elevation mask 13 PDOP mask 6 PDOP mask 6	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP	4396744.842 Network RTK Uncorrected 1.3 2 larje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009	VDOP	ZYRTARE 9676
Survey event End survey Rover options Elevation mask 13 PDOP mask 6 Rover options Elevation for the survey	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height QC 1 Stake out point	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025 2.000	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP Base data age	4396744.842 Network RTK Uncorrected 1.3 2 darje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3 1	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009	VDOP	ZYRTARE 9676
Survey event End survey Rover options Elevation mask 13 PDOP mask 6	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height QC 1 Stake out point Method	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025 2.000	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP Base data age Design point: ZY To the point	4396744.842 Network RTK Uncorrected 1.3 2 darje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3 1 /RTARE 9676Code:	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7 14	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009 0.7	VDOP Code VDOP	ZYRTARE 9676
Survey event End survey Rover options Elevation mask 13 PDOP mask 6	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height QC 1 Stake out point Method	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025 2.000	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP Base data age Design point: ZY To the point	4396744.842 Network RTK Uncorrected 1.3 2 darje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3 1 /RTARE 9676Code:	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7 14	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009 0.7	VDOP Code VDOP	ZYRTARE 9676
Rover options Elevation mask 13 PDOP mask 6 Solution 14 Solution 15 Solution	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height QC 1 Stake out point Method Stakeout	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025 2.000	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP Base data age Design point: ZY To the point	4396744.842 Network RTK Uncorrected 1.3 2 darje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3 1 /RTARE 9676Code:	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7 14	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009 0.7	VDOP Code VDOP	ZYRTARE 9676
Elevation mask 13 PDOP mask 6 Rover options Elevation mask 13 PDOP mask 6	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height QC 1 Stake out point Method Stakeout Stake out point Method Stakeout	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025 2.000	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP Base data age Design point: ZY To the point Δ North	4396744.842 Network RTK Uncorrected 1.3 2 darje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3 1 /RTARE 9676Code:	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7 14	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009 0.7	VDOP Code VDOP	ZYRTARE 9676
Rover options Elevation mask 13 PDOP mask 6	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height QC 1 Stake out point Method Stakeout Stake out point Method Stakeout	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025 2.000	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP Base data age Design point: ZY To the point Δ North	4396744.842 Network RTK Uncorrected 1.3 2 darje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3 1 /RTARE 9676Code:	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7 14	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009 0.7	VDOP Code VDOP	ZYRTARE 9676
Rover options Elevation mask 13 PDOP mask 6	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height QC 1 Stake out point Method Stakeout Survey event Survey event	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025 2.000	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP Base data age Design point: ZY To the point Δ North	4396744.842 Network RTK Uncorrected 1.3 2 darje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3 1 /RTARE 9676Code:	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7 14	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009 0.7	VDOP Code VDOP	ZYRTARE 9676
Elevation mask 13 PDOP mask 6	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height QC 1 Stake out point Method Stakeout Stake out point Method Stakeout Survey event Rover options	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025 2.000 t (Auto0025) Deltas: Grid	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP Base data age Design point: ZY To the point Δ North	4396744.842 Network RTK Uncorrected 1.3 2 larje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3 1 /RTARE 9676Code: 0.048	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7 14	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009 0.7	VDOP Code VDOP	ZYRTARE 9676
Elevation mask 13 PDOP mask 6	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height QC 1 Stake out point Method Stakeout Survey event Survey event Rover options Elevation	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025 2.000 t (Auto0025) Deltas: Grid	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP Base data age Design point: ZY To the point Δ North	4396744.842 Network RTK Uncorrected 1.3 2 larje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3 1 /RTARE 9676Code: 0.048	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7 14	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009 0.7	VDOP Code VDOP	ZYRTARE 9676
mask 13 PDOP mask 6	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height QC 1 Stake out point Method Stakeout Survey event Survey event Rover options Elevation mask	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025 2.000 t (Auto0025) Deltas: Grid	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP Base data age Design point: ZY To the point Δ North	4396744.842 Network RTK Uncorrected 1.3 2 larje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3 1 /RTARE 9676Code: 0.048	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7 14	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009 0.7	VDOP Code VDOP	ZYRTARE 9676
	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height QC 1 Stake out point Method Stakeout Survey event Survey event Rover options Elevation mask Rover options	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025 2.000 t (Auto0025) Deltas: Grid	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP Base data age Design point: ZY To the point Δ North	4396744.842 Network RTK Uncorrected 1.3 2 larje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3 1 /RTARE 9676Code: 0.048	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7 14	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009 0.7	VDOP Code VDOP	ZYRTARE 9676
Survey event	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height QC 1 Stake out point Method Stakeout Survey event Survey event Survey event Rover options Elevation mask Rover options	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025) t (Auto0025) Deltas: Grid	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP Base data age Design point: ZY To the point Δ North End survey	4396744.842 Network RTK Uncorrected 1.3 2 larje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3 1 (RTARE 9676Code: 0.048	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7 14	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009 0.7	VDOP Code VDOP	ZYRTARE 9676
•	Point Antenna height QC 1 Stake out point Method Stakeout Point Antenna height QC 1 Stake out point Method Stakeout Survey event Survey event Survey event Rover options Elevation mask Rover options	Auto0024 2.000 t (Auto0024) Deltas: Grid Auto0025) t (Auto0025) Deltas: Grid	X Method Type PDOP Base data age Design point: No To the point Δ North X Method Type PDOP Base data age Design point: ZY To the point Δ North End survey	4396744.842 Network RTK Uncorrected 1.3 2 larje 9817Code: -0.001 4396747.618 Network RTK Uncorrected 1.3 1 (RTARE 9676Code: 0.048	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP Satellites	1702518.669 Rapid point 0.009 1.7 14 0.017 1702518.007 Rapid point 0.008 1.7 14	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions used	4281939.619 As-staked 0.010 0.7 1 -614.490 4281936.761 As-staked 0.009 0.7	VDOP Code VDOP	ZYRTARE 9676

Survey event

Rover started

		luno.	0100 005						
Note		VRS base: 42°2	3'20.02200", 21°09'0	0.45600", 626.9	935m				
Initialization even	nt: RTK initialized								
GPS week	2329	Seconds		Initialization type	On the fly	Survey type	Real-time		
GNSS receiver									
Receiver type		R10							
Serial number		5452489155							
Firmware version		4.9							
Antenna type		R10 Internal							
Measurement n Tape adjustmen		Bottom of quick 0.000	release						
Horizontal offse		0.000							
Vertical offset		0.199							
Point	220086	х	4400602.895	Y	1702477.648	Z	4278026.576	Code	
		Method	Network RTK	Туре	Observed control point		Normal		
Antenna	2.000	Tuno	Uncorrected	Uz Droo	1	Vt Prec	0.016		
height	2.000								
QC 1		PDOP	2.3	GDOP		HDOP	1.4	VDOP	1.8
		Base data age	1	Satellites	9	Positions used	20		
QC 2		VCV xx (m²)	0.000275	VCV xy (m²)	-0.000008	VCV xz (m²)	0.000070		
				VCV yy (m²)		VCV yz (m²)	0.000020		
						VCV zz (m²)	0.000129		
Survey event									
Survey event		End survey							
Rover options									
Elevation mask	13	PDOP mask	6						
Rover options									
					1		Г		
Elevation mask	13	PDOP mask	6						
Survey event									
Survey event		Rover started							
Note		VRS base: 42°1	5'27.16140", 21°11'5	0.25660", 713.6	648m				
Initialization even	nt: RTK initialized								
GPS week	2329	Seconds	214919	Initialization type	On the fly	Survey type	Real-time		
				туре					
Initialization even	nt: RTK not initialized	i							
GPS week	2329	Seconds		Initialization type	On the fly	Survey type	Real-time		
			<u> </u>	'Abe					
Note		New base statio		· · · · · · · · · · · · · · · · · · ·		-		· · · · · · · · · · · · · · · · · · ·	
Note		VRS base: 42°1	5'25.65960", 21°11'4	7.80200", 712.2	265m				
Initialization even	nt: RTK initialized				,	1			
GPS week	2329	Seconds	215242	Initialization type	On the fly	Survey type	Real-time		
Survey event									
Survey event		End survey							
Rover options						-			
Elevation mask	13	PDOP mask	6						
		<u> </u>	<u> </u>	<u> </u>	l	<u> </u>	I	<u> </u>	
Rover options						1			
Elevation mask	13	PDOP mask	6						
Survey event									

Survey event		Rover started								
Note		VRS base: 42°1	5'25.61880", 21°11'4	47.76180", 703.2	50m					
Initialization ever	nt: RTK initialized									
GPS week	2329	Seconds	215277	Initialization type	On the fly	Survey type	Real-time			
Initialization ever	nt: RTK not initialized	i								
GPS week	2329	Seconds	215537	Initialization type	On the fly	Survey type	Real-time			
Initialization ever	nt: RTK initialized			,						
GPS week	2329	Seconds	215540	Initialization type	On the fly	Survey type	Real-time			
GNSS receiver									,	
Receiver type Serial number Firmware versi Antenna type Measurement r Tape adjustme Horizontal offs	nethod nt	R10 5452489155 4.9 R10 Internal Bottom of quick 0.000 0.000 0.199	release							
				T		_				
Point	Auto0026	X Method	4408492.624 Network RTK		1709629.838 Rapid point	Z Search class	4267236.460 As-staked	Code		0 9588
Antenna	2 000	Туре	Uncorrected			Vt Prec	0.054			
height QC 1	2.000	PDOP		GDOP		HDOP		VDOP		1.8
QC I		Base data age		Satellites		Positions	1.3	VDOP		1.0
04-14	(A+-000C)			Jatemites		used				
Stake out point	(Autouu26)	Design point: 0 9 To the point	9588Code:							
Stakeout	Deltas: Grid		-0.023	Δ East	0.004	ΔElev	-705.232			
Initialization ever	nt: RTK not initialized	d								
GPS week	2329	Seconds	215557	Initialization type	On the fly	Survey type	Real-time			
Initialization ever	nt: RTK initialized			(
GPS week	2329	Seconds	215588	Initialization type	On the fly	Survey type	Real-time			
Initialization ever	nt: RTK not initialized	d								
GPS week	2329	Seconds	215625	Initialization type	On the fly	Survey type	Real-time			
Initialization ever	nt: RTK initialized			,	,					
GPS week	2329	Seconds	215630	Initialization type	On the fly	Survey type	Real-time			
Initialization ever	nt: RTK not initialized	d								
GPS week	2329	Seconds	215636	Initialization type	On the fly	Survey type	Real-time			
Note		New base statio	n detected							
Note			5'24.73980", 21°11'4	47.34180", <u>7</u> 13.2	71m					
Initialization ever	nt: RTK initialized			T						
GPS week	2329	Seconds	215707	Initialization type	On the fly	Survey type	Real-time			
Initialization ever	nt: RTK not initialized									
GPS week	2329	Seconds	215827	Initialization type	On the fly	Survey type	Real-time			
Survey event										
Survey event		End survey								
·										

Rover options									
Elevation mask	13	PDOP mask	6						
	Į.				l			<u>I</u>	
Rover options	1	,		Υ	Υ		1	Υ	
Elevation mask	13	PDOP mask	6						
Survey event									
Survey event		Rover started							
Note		VRS base: 42°2	1'27.75960", 21°02'	11.46420", 1043.	138m				
Initialization ever	nt: RTK initialized								
GPS week	2340	Seconds	207483	Initialization type	On the fly	Survey type	Real-time		
GNSS receiver									
Receiver type Serial number		R10 5452489155							
Serial number Firmware versi		4.9							
Antenna type		R10 Internal							
Measurement r		Bottom of quick	release						
Tape adjustme		0.000							
Horizontal offs Vertical offset	et	0.000							
Point	Auto0027		4406429.813		1694689.338		4275748.046	Code	0 9804
Antenna		Method	Network RTK		Rapid point	Search class	As-staked		
height	2.300	Туре	Uncorrected	Hz Prec	0.010	Vt Prec	0.013		
QC 1		PDOP	1.5	GDOP		HDOP	0.8	VDOP	1.3
		Base data age	1	Satellites	13	Positions used	1		
Stake out point	t (Auto0027)	Design point: 0 9	9804Code:	•	•		•		
Method	D # 0:1	To the point	0.010		0.040	A.F.I	1000 000	1	
Stakeout	Deltas: Grid	Δ North	-0.016	Δ East	-0.018	ΔEIEV	-1030.396		
Initialization ever	nt: RTK not initialized	d							
GPS week	2340	Seconds	207865	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2340	Seconds	207870	Initialization	On the fly	Survey type	Real-time		
				type					
Point	Auto0028		4406412.610		1694707.255		4275752.752	Code	0 9900
Antenna		Method	Network RTK			Search class	As-staked		
height	2.300	Туре	Uncorrected	Hz Prec	0.011	Vt Prec	0.015		
QC 1		PDOP	1.7	GDOP		HDOP	0.9	VDOP	1.5
		Base data age	2	Satellites	11	Positions used	1		
Stake out point	t (Auto0028)	Design point: 0 9	9900Code:	•			*		
Method Stakeout	Deltas: Grid	To the point	-0.006	Δ East	-0.005	ΛΕΙον	-1026.455		
			-0.000	A Last	-0.003	DEIGA	-1020.433	<u> </u>	
Initialization ever	nt: RTK not initialized	d T					1	1	
GPS week	2340	Seconds	208256	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK initialized								
GPS week	2340	Seconds	208261	Initialization type	On the fly	Survey type	Real-time		
Initialization ever	nt: RTK not initialized	d							
GPS week	2340	Seconds	208268	Initialization type	On the fly	Survey type	Real-time		
<u> </u>	ļ	ļ	<u> </u>	inhe.		<u> </u>		!	
Initialization ever	nt: RTK initialized								
Initialization ever	nt: RTK initialized	Seconds	208268	Initialization type	On the fire	Survey type	Real-time		

Initialization ever	nt: RTK not initialized	d							
GPS week	2340	Seconds	208789	Initialization type	On the fly	Survey type	Real-time		
Survey event									
Survey event		End survey							
Rover options									
Elevation	40	PDOP mask	6						
mask	13	PDOP mask	0						
Rover options									
Elevation mask	13	PDOP mask	6						
шая						L	<u> </u>	<u> </u>	
Survey event									
Survey event		Rover started							
Note		VRS base: 42°2	6'13.49580", 21°10'0)4.01280", 621.2	243m				
Initialization ever	nt: RTK initialized								
GPS week	2200	Seconds	107750	Initialization	On the flo	Survey type	Real-time		
GP5 week	2300	Seconds	197759	type	On the liy	Survey type	Real-time		
GNSS receiver									
Receiver type		R10							
Serial number Firmware versi	ion	5452489155 4.9							
Antenna type	ion	R10 Internal							
Measurement r	method	Bottom of quick	release						
Tape adjustme	ent	0.000							
Horizontal offs	et	0.000							
Vertical offset		0.199							
Point	Auto0029	X Method	4396660.249 Network RTK		1702544.199 Rapid point	Z Search class	4282021.554 As-staked	Code	Ndarjet 10122
Antenna	1.500	Туре	Uncorrected	Hz Prec	0.010	Vt Prec	0.017		
height QC 1		PDOP	17	GDOP	2.3	HDOP	0.8	VDOP	1.5
		Base data age		Satellites		Positions used	1		
Stake out point	L t (Auto0029)		l darjet 10122Code:		Į.	uscu	<u> </u>	<u> </u>	
Method	T 5 11 6 11	To the point			1 0000	1	1 040 000	ı	
Stakeout	Deltas: Grid		-0.004	Δ East		ΔElev	-618.863		
Point	Auto0030	X Method	4396664.793 Network RTK		1702557.929	Z Search class	4282010.464 As-staked	Code	Ndarjet 10121
Antenna	1 500	Туре	Uncorrected			Vt Prec	0.017		
height	1.500	••							
QC 1		PDOP		GDOP		HDOP Positions		VDOP	1.5
		Base data age	1	Satellites	13	Positions used	1		
Stake out line ((Auto0030)		rjet 10121 Code:	·				·	
Method		To the line							
Station Elevation		30.601 0.000							
Stakeout	Deltas: Grid	-	0.017	Δ East	0.022	ΔElev	-618.166		
Stakeout	Deltas: Linear			ΔOffset		ΔElev		Grade to line	-2238416.64%
		v	40000=========		470055155	1-	40045		NI
Point	Auto0031	X Method	4396673.131 Network RTK		1702581.354 Rapid point	Z Search class	4281992.583 As-staked	Code	Ndarjet 10097
Antenna	1 500	Туре	Uncorrected			Vt Prec	0.018		
height QC 1	1.500	PDOP		GDOP		HDOP		VDOP	4 -
QC 1		Base data age		Satellites	13	Positions	0.8	VDOP	1.5
Stake out point	t (Auto0031)	Design point: No	larjet 10097Code:	1	Į.	1	Į.	I.	
Method	1	To the point			<u> </u>	1	T :		
Stakeout	Deltas: Grid	Δ North	0.014	Δ East	-0.013	ΔElev	-618.082		
		v	4396699.089	Υ	1702566.979	7	4281969.849	Code	Ndarjet 10159
Point	Auto0032								redaijet 10100
Point Antenna		Method Type	Network RTK Uncorrected	Туре	Rapid point	Search class	As-staked		Nuarjet 10100

QC 1		PDOP	1.6	GDOP	2.2	HDOP	0.8	VDOP	1.4
		Base data age	1	Satellites	13	Positions used	1		
Stake out poin	L t (Auto0032)	Design point: No	larjet 10159Code:	ļ		useu			
Method		To the point							
Stakeout	Deltas: Grid	Δ North	-0.003	Δ East	0.011	ΔElev	-616.775		
Point	Auto0033	Х	4396696.579	Υ	1702546.761	Z	4281980.152	Code	Ndarjet 10183
Amtowno		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	1.500	Туре	Uncorrected	Hz Prec	0.010	Vt Prec	0.017		
QC 1		PDOP	1.6	GDOP		HDOP	0.8	VDOP	1.4
		Base data age	1	Satellites	13	Positions used	1		
Stake out line	(Auto0033)		rjet 10183 Code:						
Method Station		To the line 22.835							
Elevation		0.000							
Stakeout	Deltas: Grid			Δ East		ΔElev	-616.612		
Stakeout	Deltas: Linear	Δ Station	?	ΔOffset	0.010	ΔElev	-616.612	Grade to line	-6268119.14%
Point	Auto0034	Х	4396694.992	Υ	1702530.919	Z	4281988.762	Code	Ndarjet 10184
		Method	Network RTK	Туре	Rapid point	Search class	As-staked		
Antenna height	1.500	Туре	Uncorrected	Hz Prec	0.009	Vt Prec	0.015		
QC 1		PDOP	1.6	GDOP	2.2	HDOP Docitions	0.8	VDOP	1.4
		Base data age	1	Satellites	13	Positions used	1		
Stake out poin	t (Auto0034)	"	larjet 10184Code:	•					
Method Stakeout	Deltas: Grid	To the point	_N N10	Δ East	_0.017	ΔElev	-617.107		
Stakeout	Deltas. Ond	A North	-0.013	Δ Last	-0.017	ALIEV	-017.107		
Point	Auto0035		4396695.007		1702532.656		4281987.597	Code	Ndarjet 10183
Antenna	4.500	Method	Network RTK			Search class	As-staked		
height	1.500	••	Uncorrected			Vt Prec	0.016	VDOD	4.4
QC 1		PDOP		GDOP		HDOP Positions		VDOP	1.4
		Base data age		Satellites	13	used	1		
Stake out line ((Auto0035)	Line name: Nda To the line	rjet 10183 Code:						
Station		2.070							
Elevation	1	0.000		T	1				
Stakeout Stakeout	Deltas: Grid Deltas: Linear			Δ East ΔOffset	_	ΔElev ΔElev	-616.794	Grade to line	-8666952.40%
Stakeout	Deitas. Linear	A Station	•	ДОПЗЕТ	0.007	ALIEV	-010.734	Grade to line	-0000932.4070
Point	Auto0036	X Method	4396729.278		1702553.953	Z Search class	4281941.900 As-staked	Code	ParcelaB 10060
Antenna	1 500		Network RTK Uncorrected			Vt Prec	0.016		
height QC 1	1.500			GDOP				VDOP	1.4
QC 1		PDOP		Satellites	12	HDOP Positions	0.9	VDOP	1.4
2	(1. 1. 2.2.2.)	Base data age			12	used			
Stake out point	t (Auto0036)	Design point: Pa	rcelaB 10060Code:						
Stakeout									
	Deltas: Grid	Δ North	-0.026	Δ East	0.007	ΔElev	-615.221		
Point								Code	ParcelaR 10064
Point	Deltas: Grid Auto0037		-0.026 4396744.854 Network RTK	Υ	1702548.406		-615.221 4281927.205 As-staked	Code	ParcelaB 10064
Antenna	Auto0037	х	4396744.854	Y Type	1702548.406 Rapid point	Z	4281927.205	Code	ParcelaB 10064
	Auto0037	X Method	4396744.854 Network RTK Uncorrected	Y Type	1702548.406 Rapid point 0.009	Z Search class	4281927.205 As-staked 0.015	Code	
Antenna height	Auto0037	X Method Type	4396744.854 Network RTK Uncorrected 1.6	Y Type Hz Prec	1702548.406 Rapid point 0.009	Z Search class Vt Prec HDOP Positions	4281927.205 As-staked 0.015		
Antenna height	Auto0037	X Method Type PDOP Base data age	4396744.854 Network RTK Uncorrected 1.6	Y Type Hz Prec GDOP Satellites	1702548.406 Rapid point 0.009 2.1	Z Search class Vt Prec HDOP	4281927.205 As-staked 0.015 0.8		
Antenna height QC 1	Auto0037	X Method Type PDOP Base data age	4396744.854 Network RTK Uncorrected 1.6 1 urcelaB 10064Code:	Y Type Hz Prec GDOP Satellites	1702548.406 Rapid point 0.009 2.1 13	Z Search class Vt Prec HDOP Positions used	4281927.205 As-staked 0.015 0.8		
Antenna height QC 1 Stake out poin	Auto0037	X Method Type PDOP Base data age Design point: Pa To the point	4396744.854 Network RTK Uncorrected 1.6 1 urcelaB 10064Code:	Y Type Hz Prec GDOP Satellites	1702548.406 Rapid point 0.009 2.1	Z Search class Vt Prec HDOP Positions used	4281927.205 As-staked 0.015 0.8		
Antenna height QC 1 Stake out poin Method	Auto0037 1.500 t (Auto0037)	X Method Type PDOP Base data age Design point: Pa To the point Δ North	4396744.854 Network RTK Uncorrected 1.6 1 urcelaB 10064Code:	Y Type Hz Prec GDOP Satellites	1702548.406 Rapid point 0.009 2.1 13	Z Search class Vt Prec HDOP Positions used	4281927.205 As-staked 0.015 0.8	VDOP	
Antenna height QC 1 Stake out poin Method Stakeout	Auto0037 1.500 t (Auto0037) Deltas: Grid	X Method Type PDOP Base data age Design point: Pa To the point Δ North	4396744.854 Network RTK Uncorrected 1.6 1 rcelaB 10064Code:	Y Type Hz Prec GDOP Satellites Δ East	1702548.406 Rapid point 0.009 2.1 13 -0.002	Z Search class Vt Prec HDOP Positions used	4281927.205 As-staked 0.015 0.8 1	VDOP	1.4
Antenna height QC 1 Stake out poin Method Stakeout	Auto0037 1.500 t (Auto0037) Deltas: Grid	X Method Type PDOP Base data age Design point: Pa To the point Δ North X Method	4396744.854 Network RTK Uncorrected 1.6 1 rrcelaB 10064Code: -0.005	Y Type Hz Prec GDOP Satellites Δ East Y Type	1702548.406 Rapid point 0.009 2.1 13 -0.002 1702535.481 Rapid point	Z Search class Vt Prec HDOP Positions used	4281927.205 As-staked 0.015 0.8 1 -614.547	VDOP	1.4
Antenna height QC 1 Stake out poin Method Stakeout Point Antenna	Auto0037 1.500 t (Auto0037) Deltas: Grid Auto0038	X Method Type PDOP Base data age Design point: Pa To the point Δ North X Method	4396744.854 Network RTK Uncorrected 1.6 1 rcelaB 10064Code: -0.005 4396745.897 Network RTK Uncorrected	Y Type Hz Prec GDOP Satellites Δ East Y Type	1702548.406 Rapid point 0.009 2.1 13 -0.002 1702535.481 Rapid point 0.009 2.1	Z Search class Vt Prec HDOP Positions used AElev Z Search class Vt Prec HDOP	4281927.205 As-staked 0.015 0.8 1 -614.547 4281931.189 As-staked 0.015	VDOP	1.4 ParcelaB 10067
Antenna height QC 1 Stake out poin Method Stakeout Point Antenna height	Auto0037 1.500 t (Auto0037) Deltas: Grid Auto0038	X Method Type PDOP Base data age Design point: Pa To the point Δ North X Method Type	4396744.854 Network RTK Uncorrected 1.6 1 IrrcelaB 10064Code: -0.005 4396745.897 Network RTK Uncorrected 1.6	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec	1702548.406 Rapid point 0.009 2.1 13 -0.002 1702535.481 Rapid point 0.009 2.1	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec	4281927.205 As-staked 0.015 0.8 1 -614.547 4281931.189 As-staked 0.015	VDOP	1.4 ParcelaB 10067
Antenna height QC 1 Stake out poin Method Stakeout Point Antenna height QC 1 Stake out line (Auto0037 1.500 t (Auto0037) Deltas: Grid Auto0038 1.500	X Method Type PDOP Base data age Design point: Pa To the point Δ North X Method Type PDOP Base data age Line name: Parc	4396744.854 Network RTK Uncorrected 1.6 1 IrrcelaB 10064Code: -0.005 4396745.897 Network RTK Uncorrected 1.6	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP	1702548.406 Rapid point 0.009 2.1 13 -0.002 1702535.481 Rapid point 0.009 2.1	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions	4281927.205 As-staked 0.015 0.8 1 -614.547 4281931.189 As-staked 0.015 0.8	VDOP	1.4 ParcelaB 10067
Antenna height QC 1 Stake out poin Method Stakeout Point Antenna height QC 1 Stake out line (Method	Auto0037 1.500 t (Auto0037) Deltas: Grid Auto0038 1.500	X Method Type PDOP Base data age Design point: Pa To the point Δ North X Method Type PDOP Base data age Line name: Parc To the line	4396744.854 Network RTK Uncorrected 1.6 1 IrcelaB 10064Code: -0.005 4396745.897 Network RTK Uncorrected 1.6 1	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP	1702548.406 Rapid point 0.009 2.1 13 -0.002 1702535.481 Rapid point 0.009 2.1	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions	4281927.205 As-staked 0.015 0.8 1 -614.547 4281931.189 As-staked 0.015 0.8	VDOP	1.4 ParcelaB 10067
Antenna height QC 1 Stake out poin Method Stakeout Point Antenna height QC 1 Stake out line (Auto0037 1.500 t (Auto0037) Deltas: Grid Auto0038 1.500	X Method Type PDOP Base data age Design point: Pa To the point Δ North X Method Type PDOP Base data age Line name: Parc	4396744.854 Network RTK Uncorrected 1.6 1 IrcelaB 10064Code: -0.005 4396745.897 Network RTK Uncorrected 1.6 1	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP	1702548.406 Rapid point 0.009 2.1 13 -0.002 1702535.481 Rapid point 0.009 2.1	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions	4281927.205 As-staked 0.015 0.8 1 -614.547 4281931.189 As-staked 0.015 0.8	VDOP	1.4
Antenna height QC 1 Stake out poin Method Stakeout Point Antenna height QC 1 Stake out line (Method Station	Auto0037 1.500 t (Auto0037) Deltas: Grid Auto0038 1.500	X Method Type PDOP Base data age Design point: Pa To the point Δ North X Method Type PDOP Base data age Line name: Parc To the line 18.444 0.000 Δ North	4396744.854 Network RTK Uncorrected 1.6 1 rrcelaB 10064Code: -0.005 4396745.897 Network RTK Uncorrected 1.6 1 elaB 10067 Code:	Y Type Hz Prec GDOP Satellites Δ East Y Type Hz Prec GDOP	1702548.406 Rapid point 0.009 2.1 13 -0.002 1702535.481 Rapid point 0.009 2.1 13	Z Search class Vt Prec HDOP Positions used ΔElev Z Search class Vt Prec HDOP Positions used	4281927.205 As-staked 0.015 0.8 1 -614.547 4281931.189 As-staked 0.015 0.8 1	VDOP	1.4 ParcelaB 10067

Reduced points

Point	Auto0000 North	4699681.981 East	7513783.000 Elevation	614.487 Code	Ndarje 9817
Point	Auto0001 North	4699678.344 East	7513781.388 Elevation	614.292 Code	ZYRTARE 9676
Point	Auto0002 North	4699674.837 East	7513799.524 Elevation	614.587 Code	Ndarje 9846
Point	Auto0003 North	4699665.648 East	7513810.721 Elevation	614.501 Code	ZYRTARE 9672
Point	Auto0004 North	4699684.853 East	7513821.511 Elevation	615.177 Code	ZYRTARE 9668
Point	Auto0005 North	4699699.678 East	7513830.472 Elevation	615.902 Code	ZYRTARE 9664
Point	Auto0006 North	4699725.265 East	7513846.967 Elevation	616.931 Code	ZYRTARE 9660
Point	Auto0007 North	4699736.097 East	7513827.290 Elevation	616.821 Code	Ndarje 9850
Point	Auto0008 North	4699740.924 East	7513857.990 Elevation	617.503 Code	ZYRTARE 9656
Point	Auto0009 North	4699757.825 East	7513873.155 Elevation	618.573 Code	ZYRTARE 9652
Point	Auto0010 North	4699763.468 East	7513841.606 Elevation	617.825 Code	Ndarje 9854
Point	Auto0011 North	4699785.413 East	7513856.915 Elevation	618.863 Code	Ndarje 9858
Point	Auto0012 North	4699790.854 East	7513863.275 Elevation	619.284 Code	Ndarje 9866
Point	Auto0013 North	4699773.566 East	7513886.409 Elevation	619.496 Code	ZYRTARE 9648
Point	Auto0014 North	4699787.161 East	7513902.781 Elevation	620.535 Code	ZYRTARE 9644
Point	Auto0015 North	4699805.638 East	7513892.992 Elevation	620.714 Code	ZYRTARE 9640
Point	Auto0016 North	4699828.382 East	7513879.174 Elevation	620.901 Code	ZYRTARE 9701
Point	Auto0017 North	4699810.311 East	7513856.703 Elevation	620.028 Code	ZYRTARE 9700
Point	Auto0018 North	4699804.292 East	7513850.397 Elevation	619.812 Code	Ndarje 9922
Point	Auto0019 North	4699797.169 East	7513843.012 Elevation	619.379 Code	ZYRTARE 9696
Point	Auto0020 North	4699782.900 East	7513831.945 Elevation	618.641 Code	ZYRTARE 9692
Point	Auto0021 North	4699772.529 East	7513825.761 Elevation	618.238 Code	ZYRTARE 9688
Point	Auto0022 North	4699761.279 East	7513819.802 Elevation	617.805 Code	ZYRTARE 9684
Point	Auto0023 North	4699744.026 East	7513810.852 Elevation	617.072 Code	ZYRTARE 9680
Point	Auto0024 North	4699682.006 East	7513782.984 Elevation	614.490 Code	Ndarje 9817
Point	Auto0025 North	4699678.308 East	7513781.371 Elevation	614.295 Code	ZYRTARE 9676
Point	220086 North	4694374.640 East	7512362.345 Elevation	620.730 Code	
Point	Auto0026 North	4679714.646 East	7516211.109 Elevation	705.232 Code	0 9588
Point	Auto0027 North	4690906.934 East	7503004.792 Elevation	1030.396 Code	0 9804
Point	Auto0028 North	4690916.904 East	7503027.679 Elevation	1026.455 Code	0 9900
Point	Auto0029 North	4699789.571 East	7513837.114 Elevation	618.863 Code	Ndarjet 10122
Point	Auto0030 North	4699775.205 East	7513848.304 Elevation	618.166 Code	Ndarjet 10121
Point	Auto0031 North	4699751.097 East	7513867.181 Elevation	618.082 Code	Ndarjet 10097
Point	Auto0032 North	4699721.448 East	7513844.466 Elevation	616.775 Code	Ndarjet 10159
Point	Auto0033 North	4699735.519 East	7513826.494 Elevation	616.612 Code	Ndarjet 10183
Point	Auto0034 North	4699746.702 East	7513812.275 Elevation	617.107 Code	Ndarjet 10184
Point	Auto0035 North	4699745.413 East	7513813.891 Elevation	616.794 Code	Ndarjet 10183
Point	Auto0036 North	4699684.960 East	7513821.494 Elevation	615.221 Code	ParcelaB 10060
Point	Auto0037 North	4699665.648 East	7513810.736 Elevation	614.547 Code	ParcelaB 10064
Point	Auto0038 North	4699671.056 East	7513798.299 Elevation	614.508 Code	ParcelaB 10067