Survey Report

Job name	200-4-mirosal
Creation date	17 Jul 2025
Version	Trimble General Survey 3.21
Distance Units	Meters
Angle units	Gons
Pressure Units	mbar
Temperature Units	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	LIRIDON
Library File Name	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 mask	13	**PDOP mask**	6						

Rover options

Elevation mask	13	**PDOP mask**	6						

Survey event

Survey event	Rover started

Note	VRS base: 42°24'49.28340", 21°15'08.76960", 706.041m

Initialization event: RTK initialized

GPS week	2375	**Seconds**	402689	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK not initialized

GPS week	2375	**Seconds**	402699	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK initialized

GPS week	2375	**Seconds**	402699	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK not initialized

GPS week	2375	**Seconds**	402758	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK initialized

GPS week	2375	**Seconds**	402765	**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 method	Bottom of quick release
Tape adjustment	0.000
Horizontal offset	0.000
Vertical offset	0.199

Point	Auto0000	**X**	4395887.257	**Y**	1709679.549	**Z**	4280107.101	**Code**	Ndarjet 10144
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	2.500	**Type**	Uncorrected	**Hz Prec**	0.009	**Vt Prec**	0.014		
QC 1		**PDOP**	1.4	**GDOP**	1.8	**HDOP**	0.8	**VDOP**	1.2
		Base data age	4	**Satellites**	15	**Positions used**	1		
Stake out point (Auto0000)		Design point: Ndarjet 10144Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.002	**Δ East**	0.021	**ΔElev**	-699.932		

Point	Auto0001	**X**	4395887.962	**Y**	1709699.604	**Z**	4280100.376	**Code**	Ndarjet 10143
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	2.500	**Type**	Uncorrected	**Hz Prec**	0.011	**Vt Prec**	0.017		
QC 1		**PDOP**	1.5	**GDOP**	2.0	**HDOP**	0.8	**VDOP**	1.3
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out line (Auto0001)		Line name: Ndarjet 10143 Code:							
Method		To the line							
Station		13.255							
Elevation		0.000							
Stakeout	Deltas: Grid	**Δ North**	-0.011	**Δ East**	-0.006	**ΔElev**	-701.248		
Stakeout	Deltas: Linear	**Δ Station**	?	**ΔOffset**	-0.012	**ΔElev**	-701.248	**Grade to line**	-5720843.52%

Point	Auto0002	**X**	4395888.282	**Y**	1709712.099	**Z**	4280096.026	**Code**	Ndarjet 10119
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	2.500	**Type**	Uncorrected	**Hz Prec**	0.012	**Vt Prec**	0.019		
QC 1		**PDOP**	1.5	**GDOP**	1.9	**HDOP**	0.8	**VDOP**	1.2
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out point (Auto0002)		Design point: Ndarjet 10119Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	-0.027	**Δ East**	0.028	**ΔElev**	-701.877		

Initialization event: RTK not initialized

GPS week	2375	**Seconds**	403457	**Initialization type**	On the fly	**Survey type**	Real-time		

Survey event

Survey event	End survey

Rover options

Elevation mask	13	**PDOP mask**	6						

Rover options

Elevation mask	13	**PDOP mask**	6						

Survey event

Survey event	Rover started

Note	VRS base: 42°25'55.75860", 21°15'52.12920", 826.431m

Initialization event: RTK initialized

GPS week	2375	**Seconds**	405351	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK not initialized

GPS week	2375	**Seconds**	405358	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK initialized

GPS week	2375	**Seconds**	405379	**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 method	Bottom of quick release
Tape adjustment	0.000
Horizontal offset	0.000
Vertical offset	0.199

Point	Auto0003	**X**	4394318.513	**Y**	1710128.969	**Z**	4281708.066	**Code**	Ndarjet 10273
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	2.000	**Type**	Uncorrected	**Hz Prec**	0.012	**Vt Prec**	0.018		
QC 1		**PDOP**	1.6	**GDOP**	2.2	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Stake out line (Auto0003)		Line name: Ndarjet 10273 Code:							
Method		To the line							
Station		2.500							
Elevation		820.783							
Stakeout	Deltas: Grid	**Δ North**	-0.001	**Δ East**	-0.005	**ΔElev**	-0.713		
Stakeout	Deltas: Linear	**Δ Station**	?	**ΔOffset**	-0.005	**ΔElev**	-0.713	**Grade to line**	-14793.52%

Point	Auto0004	**X**	4394319.808	**Y**	1710129.815	**Z**	4281706.071	**Code**	Ndarjet 10274
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	2.000	**Type**	Uncorrected	**Hz Prec**	0.011	**Vt Prec**	0.016		
QC 1		**PDOP**	1.6	**GDOP**	2.1	**HDOP**	0.9	**VDOP**	1.3
		Base data age	1	**Satellites**	13	**Positions used**	1		
Stake out point (Auto0004)		Design point: Ndarjet 10274Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.015	**Δ East**	0.011	**ΔElev**	-0.484		

Initialization event: RTK not initialized

GPS week	2375	**Seconds**	405585	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK initialized

GPS week	2375	**Seconds**	405607	**Initialization type**	On the fly	**Survey type**	Real-time		

Point	Auto0005	**X**	4394308.665	**Y**	1710149.759	**Z**	4281710.898	**Code**	ParcelaB 9944
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	2.000	**Type**	Uncorrected	**Hz Prec**	0.011	**Vt Prec**	0.016		
QC 1		**PDOP**	1.6	**GDOP**	2.1	**HDOP**	0.9	**VDOP**	1.3
		Base data age	1	**Satellites**	13	**Positions used**	1		
Stake out point (Auto0005)		Design point: ParcelaB 9944Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.008	**Δ East**	-0.009	**ΔElev**	-822.199		

Point	Auto0006	**X**	4394299.395	**Y**	1710143.618	**Z**	4281722.698	**Code**	ParcelaB 9940
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	2.000	**Type**	Uncorrected	**Hz Prec**	0.014	**Vt Prec**	0.019		
QC 1		**PDOP**	2.3	**GDOP**	3.1	**HDOP**	1.3	**VDOP**	1.9
		Base data age	1	**Satellites**	10	**Positions used**	1		
Stake out point (Auto0006)		Design point: ParcelaB 9940Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	-0.010	**Δ East**	0.040	**ΔElev**	-822.140		

Initialization event: RTK not initialized

GPS week	2375	**Seconds**	405740	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK initialized

GPS week	2375	**Seconds**	405746	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK not initialized

GPS week	2375	**Seconds**	405747	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK initialized

GPS week	2375	**Seconds**	405752	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK not initialized

GPS week	2375	**Seconds**	405753	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK initialized

GPS week	2375	**Seconds**	405792	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK not initialized

GPS week	2375	**Seconds**	405802	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK initialized

GPS week	2375	**Seconds**	405809	**Initialization type**	On the fly	**Survey type**	Real-time		

Point	Auto0007	**X**	4394304.032	**Y**	1710119.812	**Z**	4281725.755	**Code**	Ndarjet 10247
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	2.500	**Type**	Uncorrected	**Hz Prec**	0.014	**Vt Prec**	0.020		
QC 1		**PDOP**	1.6	**GDOP**	2.1	**HDOP**	0.9	**VDOP**	1.3
		Base data age	1	**Satellites**	13	**Positions used**	1		
Stake out point (Auto0007)		Design point: Ndarjet 10247Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.002	**Δ East**	-0.009	**ΔElev**	0.263		

Reduced points

Point	Auto0000	**North**	4697138.699	**East**	7520773.970	**Elevation**	699.932	**Code**	Ndarjet 10144
Point	Auto0001	**North**	4697128.445	**East**	7520792.433	**Elevation**	701.248	**Code**	Ndarjet 10143
Point	Auto0002	**North**	4697122.013	**East**	7520803.979	**Elevation**	701.877	**Code**	Ndarjet 10119
Point	Auto0003	**North**	4699199.398	**East**	7521755.121	**Elevation**	821.496	**Code**	Ndarjet 10273

Point	Auto0004	**North**	4699196.906	**East**	7521755.446	**Elevation**	821.267	**Code**	Ndarjet 10274
Point	Auto0005	**North**	4699202.663	**East**	7521778.051	**Elevation**	822.198	**Code**	ParcelaB 9944
Point	Auto0006	**North**	4699218.694	**East**	7521775.641	**Elevation**	822.140	**Code**	ParcelaB 9940
Point	Auto0007	**North**	4699223.784	**East**	7521751.763	**Elevation**	820.520	**Code**	Ndarjet 10247