Survey Report

Job name	161-0-greme-syla
Creation date	12 Sep 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°20'03.32700", 21°09'31.00500", 604.983m

Initialization event: RTK initialized

GPS week	2383	**Seconds**	489387	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK not initialized

GPS week	2383	**Seconds**	489539	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK initialized

GPS week	2383	**Seconds**	489568	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK not initialized

GPS week	2383	**Seconds**	489574	**Initialization type**	On the fly	**Survey type**	Real-time		

Note	New base station detected
Note	VRS base: 42°20'03.17160", 21°09'30.97740", 598.109m

Initialization event: RTK initialized

GPS week	2383	**Seconds**	489594	**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	001	**X**	4404157.245	**Y**	1704612.029	**Z**	4273513.963	**Code**	asfallt
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.011	**Vt Prec**	0.013		
QC 1		**PDOP**	2.0	**GDOP**	2.9	**HDOP**	1.2	**VDOP**	1.6
		Base data age	1	**Satellites**	11	**Positions used**	1		
Point	002	**X**	4404156.477	**Y**	1704610.771	**Z**	4273515.211	**Code**	asfallt
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.011	**Vt Prec**	0.012		
QC 1		**PDOP**	1.6	**GDOP**	2.3	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Point	003	**X**	4404155.904	**Y**	1704609.921	**Z**	4273516.112	**Code**	asfallt
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.011	**Vt Prec**	0.013		
QC 1		**PDOP**	1.6	**GDOP**	2.3	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Point	004	**X**	4404155.647	**Y**	1704607.728	**Z**	4273517.317	**Code**	asfallt
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.012	**Vt Prec**	0.013		
QC 1		**PDOP**	1.7	**GDOP**	2.5	**HDOP**	1.0	**VDOP**	1.4
		Base data age	3	**Satellites**	11	**Positions used**	1		
Point	005	**X**	4404159.251	**Y**	1704609.584	**Z**	4273512.893	**Code**	ParcelaB 9686
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.012	**Vt Prec**	0.013		
QC 1		**PDOP**	1.6	**GDOP**	2.3	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Stake out point (005)		Design point: ParcelaB 9686Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.014	**Δ East**	0.032	**ΔElev**	-598.820		

Point	006	**X**	4404155.973	**Y**	1704606.299	**Z**	4273517.548	**Code**	asfallt
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.013	**Vt Prec**	0.014		
QC 1		**PDOP**	1.6	**GDOP**	2.3	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Point	007	**X**	4404156.056	**Y**	1704602.673	**Z**	4273518.937	**Code**	asfallt
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.012	**Vt Prec**	0.014		
QC 1		**PDOP**	1.6	**GDOP**	2.3	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Point	008	**X**	4404156.450	**Y**	1704593.132	**Z**	4273522.319	**Code**	asfallt
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.013	**Vt Prec**	0.015		
QC 1		**PDOP**	1.6	**GDOP**	2.3	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Point	009	**X**	4404157.412	**Y**	1704576.899	**Z**	4273527.963	**Code**	asfallt
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.014	**Vt Prec**	0.016		
QC 1		**PDOP**	1.6	**GDOP**	2.3	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Point	010	**X**	4404158.246	**Y**	1704562.286	**Z**	4273533.074	**Code**	asfallt
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.012	**Vt Prec**	0.013		
QC 1		**PDOP**	1.6	**GDOP**	2.3	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Point	011	**X**	4404159.052	**Y**	1704549.616	**Z**	4273537.473	**Code**	asfallt
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.012	**Vt Prec**	0.014		
QC 1		**PDOP**	1.6	**GDOP**	2.4	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Point	012	**X**	4404159.219	**Y**	1704533.602	**Z**	4273544.048	**Code**	asfallt
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.013	**Vt Prec**	0.015		
QC 1		**PDOP**	1.6	**GDOP**	2.4	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Point	013	**X**	4404158.750	**Y**	1704530.527	**Z**	4273545.830	**Code**	asfallt
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.013	**Vt Prec**	0.015		
QC 1		**PDOP**	1.6	**GDOP**	2.4	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Point	014	**X**	4404158.370	**Y**	1704529.046	**Z**	4273546.847	**Code**	asfallt
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.013	**Vt Prec**	0.015		
QC 1		**PDOP**	1.6	**GDOP**	2.4	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Point	015	**X**	4404156.235	**Y**	1704530.005	**Z**	4273548.465	**Code**	rrethoj
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.014	**Vt Prec**	0.016		
QC 1		**PDOP**	1.6	**GDOP**	2.4	**HDOP**	1.0	**VDOP**	1.3
		Base data age	1	**Satellites**	12	**Positions used**	1		
Point	016	**X**	4404152.948	**Y**	1704531.515	**Z**	4273551.234	**Code**	rrethoj
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.016	**Vt Prec**	0.019		
QC 1		**PDOP**	2.0	**GDOP**	2.8	**HDOP**	1.1	**VDOP**	1.6
		Base data age	1	**Satellites**	11	**Positions used**	1		
Point	017	**X**	4404144.741	**Y**	1704534.473	**Z**	4273558.142	**Code**	rrethoj
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.017	**Vt Prec**	0.021		
QC 1		**PDOP**	2.5	**GDOP**	3.7	**HDOP**	1.4	**VDOP**	2.1

		Base data age	1	**Satellites**	10	**Positions used**	1		
Point	018	**X**	4404143.745	**Y**	1704534.988	**Z**	4273558.902	**Code**	rrethoj
		Method	Network RTK	**Type**	Rapid point	**Search class**	Normal		
Antenna height	1.800	**Type**	Uncorrected	**Hz Prec**	0.017	**Vt Prec**	0.021		
QC 1		**PDOP**	2.5	**GDOP**	3.7	**HDOP**	1.4	**VDOP**	2.1
		Base data age	1	**Satellites**	10	**Positions used**	1		

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°20'03.25500", 21°09'30.94980", 604.504m

Initialization event: RTK initialized

GPS week	2383	**Seconds**	550572	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK not initialized

GPS week	2383	**Seconds**	550586	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK initialized

GPS week	2383	**Seconds**	550586	**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	019	**X**	4404160.341	**Y**	1704578.325	**Z**	4273523.758	**Code**	ParcReNe 10056
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.011	**Vt Prec**	0.016		
QC 1		**PDOP**	1.4	**GDOP**	1.8	**HDOP**	0.7	**VDOP**	1.2
		Base data age	1	**Satellites**	15	**Positions used**	1		
Stake out point (019)		Design point: ParcReNe 10056Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.015	**Δ East**	-0.002	**ΔElev**	-598.648		

Point	020	**X**	4404159.176	**Y**	1704608.897	**Z**	4273513.077	**Code**	ParcReNe 10052
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.012	**Vt Prec**	0.017		
QC 1		**PDOP**	1.4	**GDOP**	1.8	**HDOP**	0.7	**VDOP**	1.2
		Base data age	1	**Satellites**	15	**Positions used**	1		
Stake out point (020)		Design point: ParcReNe 10052Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	-0.012	**Δ East**	0.005	**ΔElev**	-598.808		

Point	021	**X**	4404159.168	**Y**	1704609.591	**Z**	4273512.837	**Code**	ParcReNe 10048
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.013	**Vt Prec**	0.019		
QC 1		**PDOP**	1.4	**GDOP**	1.8	**HDOP**	0.7	**VDOP**	1.2

		Base data age	1	**Satellites**	15	**Positions used**	1		
Stake out point (021)		Design point: ParcReNe 10048Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.005	**Δ East**	-0.004	**ΔElev**	-598.827		

Point	022	**X**	4404155.838	**Y**	1704611.066	**Z**	4273515.560	**Code**	Ndarjet 10279
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.013	**Vt Prec**	0.019		
QC 1		**PDOP**	1.6	**GDOP**	2.0	**HDOP**	0.7	**VDOP**	1.4
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out point (022)		Design point: Ndarjet 10279Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.004	**Δ East**	-0.015	**ΔElev**	-598.759		

Point	023	**X**	4404155.094	**Y**	1704611.301	**Z**	4273515.935	**Code**	ParcReNe 10044
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.015	**Vt Prec**	0.021		
QC 1		**PDOP**	1.7	**GDOP**	2.2	**HDOP**	0.9	**VDOP**	1.5
		Base data age	1	**Satellites**	13	**Positions used**	1		
Stake out point (023)		Design point: ParcReNe 10044Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.007	**Δ East**	-0.030	**ΔElev**	-598.561		

Point	024	**X**	4404147.066	**Y**	1704608.878	**Z**	4273525.303	**Code**	ParcReNe 10040
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.016	**Vt Prec**	0.023		
QC 1		**PDOP**	1.7	**GDOP**	2.2	**HDOP**	0.9	**VDOP**	1.5
		Base data age	1	**Satellites**	13	**Positions used**	1		
Stake out point (024)		Design point: ParcReNe 10040Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.010	**Δ East**	-0.010	**ΔElev**	-598.689		

Point	025	**X**	4404142.078	**Y**	1704611.230	**Z**	4273528.928	**Code**	ParcReNe 10036
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.015	**Vt Prec**	0.022		
QC 1		**PDOP**	1.5	**GDOP**	1.8	**HDOP**	0.7	**VDOP**	1.3
		Base data age	1	**Satellites**	15	**Positions used**	1		
Stake out point (025)		Design point: ParcReNe 10036Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	-0.006	**Δ East**	0.003	**ΔElev**	-598.319		

Point	026	**X**	4404142.231	**Y**	1704607.925	**Z**	4273530.473	**Code**	ParcReNe 10032
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.016	**Vt Prec**	0.023		
QC 1		**PDOP**	1.5	**GDOP**	1.9	**HDOP**	0.8	**VDOP**	1.3
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out point (026)		Design point: ParcReNe 10032Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.010	**Δ East**	0.004	**ΔElev**	-598.583		

Point	027	**X**	4404142.084	**Y**	1704580.543	**Z**	4273541.881	**Code**	ParcReNe 10027
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.034	**Vt Prec**	0.042		
QC 1		**PDOP**	2.0	**GDOP**	2.7	**HDOP**	1.0	**VDOP**	1.8
		Base data age	1	**Satellites**	11	**Positions used**	1		
Stake out line (027)		Line name: ParcReNe 10027 Code:							
Method		To the line							
Station		2.040							
Elevation		0.000							
Stakeout	Deltas: Grid	**Δ North**	-0.007	**Δ East**	-0.004	**ΔElev**	-598.858		
Stakeout	Deltas: Linear	**Δ Station**	?	**ΔOffset**	-0.008	**ΔElev**	-598.858	**Grade to line**	-7703533.25%

Point	028	**X**	4404141.729	**Y**	1704555.296	**Z**	4273552.110	**Code**	ParcReNe 10024
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.013	**Vt Prec**	0.019		
QC 1		**PDOP**	1.5	**GDOP**	1.8	**HDOP**	0.7	**VDOP**	1.3
						Positions			

		Base data age	1	**Satellites**	15	**used**	1		
Stake out point (028)		Design point: ParcReNe 10024Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.010	**Δ East**	-0.014	**ΔElev**	-598.766		

Initialization event: RTK not initialized

GPS week	2383	**Seconds**	551393	**Initialization type**	On the fly	**Survey type**	Real-time		

Initialization event: RTK initialized

GPS week	2383	**Seconds**	551422	**Initialization type**	On the fly	**Survey type**	Real-time		

Point	029	**X**	4404141.653	**Y**	1704540.304	**Z**	4273558.341	**Code**	ParcRe 10251
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.014	**Vt Prec**	0.021		
QC 1		**PDOP**	1.5	**GDOP**	2.0	**HDOP**	0.7	**VDOP**	1.4
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out point (029)		Design point: ParcRe 10251Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.005	**Δ East**	-0.001	**ΔElev**	0.554		

Point	030	**X**	4404141.728	**Y**	1704528.534	**Z**	4273563.560	**Code**	ParcReNe 10020
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.035	**Vt Prec**	0.037		
QC 1		**PDOP**	2.8	**GDOP**	3.8	**HDOP**	1.5	**VDOP**	2.3
		Base data age	1	**Satellites**	8	**Positions used**	1		
Stake out point (030)		Design point: ParcReNe 10020Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	-0.097	**Δ East**	-0.040	**ΔElev**	-599.336		

Point	031	**X**	4404141.863	**Y**	1704514.240	**Z**	4273569.558	**Code**	ParcReNe 10093
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.013	**Vt Prec**	0.019		
QC 1		**PDOP**	1.5	**GDOP**	1.9	**HDOP**	0.8	**VDOP**	1.3
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out point (031)		Design point: ParcReNe 10093Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.027	**Δ East**	-0.020	**ΔElev**	-599.654		

Point	032	**X**	4404141.724	**Y**	1704517.131	**Z**	4273568.243	**Code**	ParcReNe 10019
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.040	**Vt Prec**	0.038		
QC 1		**PDOP**	1.8	**GDOP**	2.3	**HDOP**	1.0	**VDOP**	1.5
		Base data age	1	**Satellites**	12	**Positions used**	1		
Stake out line (032)		Line name: ParcReNe 10019 Code:							
Method		To the line							
Station		3.202							
Elevation		0.000							
Stakeout	Deltas: Grid	**Δ North**	-0.023	**Δ East**	-0.014	**ΔElev**	-599.445		
Stakeout	Deltas: Linear	**Δ Station**	?	**ΔOffset**	0.027	**ΔElev**	-599.445	**Grade to line**	-2226951.45%

Point	033	**X**	4404139.850	**Y**	1704451.693	**Z**	4273597.135	**Code**	ParcReNe 10092
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.017	**Vt Prec**	0.025		
QC 1		**PDOP**	1.5	**GDOP**	1.9	**HDOP**	0.8	**VDOP**	1.3
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out line (033)		Line name: ParcReNe 10092 Code:							
Method		To the line							
Station		33.012							
Elevation		0.000							
Stakeout	Deltas: Grid	**Δ North**	-0.003	**Δ East**	-0.002	**ΔElev**	-600.151		
Stakeout	Deltas: Linear	**Δ Station**	?	**ΔOffset**	0.004	**ΔElev**	-600.151	**Grade to line**	-16306158.30%

Point	034	**X**	4404138.914	**Y**	1704421.502	**Z**	4273610.485	**Code**	ParcReNe 10092
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.017	**Vt Prec**	0.026		

QC 1		**PDOP**	1.5	**GDOP**	1.9	**HDOP**	0.8	**VDOP**	1.3
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out point (034)		Design point: ParcReNe 10092Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	-0.011	**Δ East**	-0.001	**ΔElev**	-600.441		

Point	035	**X**	4404149.245	**Y**	1704418.124	**Z**	4273601.633	**Code**	ParcReNe 10088
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.018	**Vt Prec**	0.027		
QC 1		**PDOP**	1.5	**GDOP**	1.8	**HDOP**	0.8	**VDOP**	1.3
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out point (035)		Design point: ParcReNe 10088Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.011	**Δ East**	0.005	**ΔElev**	-600.701		

Point	036	**X**	4404153.493	**Y**	1704417.302	**Z**	4273597.733	**Code**	ParcReNe 10084
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.018	**Vt Prec**	0.027		
QC 1		**PDOP**	1.5	**GDOP**	1.8	**HDOP**	0.8	**VDOP**	1.2
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out point (036)		Design point: ParcReNe 10084Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.006	**Δ East**	-0.006	**ΔElev**	-600.784		

Point	037	**X**	4404155.040	**Y**	1704443.363	**Z**	4273585.261	**Code**	ParcReNe 10080
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.018	**Vt Prec**	0.027		
QC 1		**PDOP**	1.4	**GDOP**	1.8	**HDOP**	0.8	**VDOP**	1.2
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out point (037)		Design point: ParcReNe 10080Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.004	**Δ East**	0.011	**ΔElev**	-600.403		

Point	038	**X**	4404158.203	**Y**	1704482.006	**Z**	4273565.880	**Code**	ParcReNe 10076
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.017	**Vt Prec**	0.026		
QC 1		**PDOP**	1.4	**GDOP**	1.7	**HDOP**	0.7	**VDOP**	1.2
		Base data age	1	**Satellites**	15	**Positions used**	1		
Stake out point (038)		Design point: ParcReNe 10076Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.000	**Δ East**	-0.007	**ΔElev**	-599.842		

Point	039	**X**	4404159.535	**Y**	1704494.819	**Z**	4273559.437	**Code**	ParcReNe 10072
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.017	**Vt Prec**	0.027		
QC 1		**PDOP**	1.5	**GDOP**	1.8	**HDOP**	0.7	**VDOP**	1.3
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out point (039)		Design point: ParcReNe 10072Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	-0.008	**Δ East**	0.020	**ΔElev**	-599.840		

Point	040	**X**	4404159.885	**Y**	1704507.693	**Z**	4273553.538	**Code**	ParcReNe 10068
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.017	**Vt Prec**	0.028		
QC 1		**PDOP**	1.5	**GDOP**	1.9	**HDOP**	0.7	**VDOP**	1.3
		Base data age	1	**Satellites**	13	**Positions used**	1		
Stake out point (040)		Design point: ParcReNe 10068Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.008	**Δ East**	0.019	**ΔElev**	-599.543		

Point	041	**X**	4404159.911	**Y**	1704510.350	**Z**	4273552.524	**Code**	ParcReNe 10067
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.017	**Vt Prec**	0.027		
QC 1		**PDOP**	1.5	**GDOP**	2.0	**HDOP**	0.7	**VDOP**	1.3
		Base data age	1	**Satellites**	13	**Positions used**	1		
Stake out line (041)		Line name: ParcReNe 10067 Code:							

Method		To the line							
Station		2.831							
Elevation		0.000							
Stakeout	Deltas: Grid	**Δ North**	-0.009	**Δ East**	-0.005	**ΔElev**	-599.587		
Stakeout	Deltas: Linear	**Δ Station**	?	**ΔOffset**	0.010	**ΔElev**	-599.587	**Grade to line**	-6048614.88%

Point	042	**X**	4404156.748	**Y**	1704511.649	**Z**	4273555.387	**Code**	Ndarjet 10323
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.016	**Vt Prec**	0.026		
QC 1		**PDOP**	1.8	**GDOP**	2.3	**HDOP**	0.8	**VDOP**	1.6
		Base data age	1	**Satellites**	12	**Positions used**	1		
Stake out line (042)		Line name: Ndarjet 10323 Code:							
Method		To the line							
Station		2.849							
Elevation		0.000							
Stakeout	Deltas: Grid	**Δ North**	0.029	**Δ East**	0.017	**ΔElev**	-599.682		
Stakeout	Deltas: Linear	**Δ Station**	?	**ΔOffset**	-0.034	**ΔElev**	-599.682	**Grade to line**	-1771528.18%

Point	043	**X**	4404160.013	**Y**	1704525.599	**Z**	4273546.417	**Code**	ParcReNe 10064
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.014	**Vt Prec**	0.023		
QC 1		**PDOP**	1.5	**GDOP**	1.8	**HDOP**	0.7	**VDOP**	1.3
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out point (043)		Design point: ParcReNe 10064Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	-0.002	**Δ East**	-0.010	**ΔElev**	-599.614		

Point	044	**X**	4404163.677	**Y**	1704524.724	**Z**	4273542.747	**Code**	ParcReNe 10060
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.015	**Vt Prec**	0.024		
QC 1		**PDOP**	1.7	**GDOP**	2.2	**HDOP**	0.8	**VDOP**	1.5
		Base data age	1	**Satellites**	13	**Positions used**	1		
Stake out point (044)		Design point: ParcReNe 10060Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	0.008	**Δ East**	-0.014	**ΔElev**	-599.434		

Point	045	**X**	4404163.265	**Y**	1704531.536	**Z**	4273540.375	**Code**	ParcRe 10278
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.015	**Vt Prec**	0.024		
QC 1		**PDOP**	1.5	**GDOP**	1.8	**HDOP**	0.7	**VDOP**	1.3
		Base data age	1	**Satellites**	14	**Positions used**	1		
Stake out point (045)		Design point: ParcRe 10278Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	-0.012	**Δ East**	-0.011	**ΔElev**	0.094		

Point	v4	**North**	4688330.205	**East**	7513006.958	**Elevation**	0.500	**Code**	ParcRe 10278
Point	046	**X**	4404159.169	**Y**	1704533.354	**Z**	4273544.140	**Code**	v4
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.016	**Vt Prec**	0.026		
QC 1		**PDOP**	1.5	**GDOP**	1.9	**HDOP**	0.7	**VDOP**	1.3
		Base data age	1	**Satellites**	13	**Positions used**	1		
Stake out point (046)		Design point: v4Code: ParcRe 10278							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	-0.027	**Δ East**	-0.018	**ΔElev**	-599.067		

Point	047	**X**	4404157.282	**Y**	1704579.284	**Z**	4273526.962	**Code**	Ndarjet 10308
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.021	**Vt Prec**	0.036		
QC 1		**PDOP**	2.3	**GDOP**	3.0	**HDOP**	1.1	**VDOP**	2.0
		Base data age	1	**Satellites**	11	**Positions used**	1		
Stake out point (047)		Design point: Ndarjet 10308Code:							
Method		To the point							
Stakeout	Deltas: Grid	**Δ North**	-0.010	**Δ East**	0.001	**ΔElev**	-598.953		

Point	048	**X**	4404157.455	**Y**	1704576.616	**Z**	4273527.910	**Code**	Ndarjet 10311
		Method	Network RTK	**Type**	Rapid point	**Search class**	As-staked		
Antenna height	1.700	**Type**	Uncorrected	**Hz Prec**	0.024	**Vt Prec**	0.042		
QC 1		**PDOP**	2.3	**GDOP**	3.0	**HDOP**	1.1	**VDOP**	2.0

		Base data age	1	**Satellites**	11	**Positions used**	1		
Stake out line (048)		Line name: Ndarjet 10311 Code:							
Method		To the line							
Station		2.841							
Elevation		0.000							
Stakeout	Deltas: Grid	**Δ North**	0.000	**Δ East**	0.000	**ΔElev**	-598.998		
Stakeout	Deltas: Linear	**Δ Station**	?	**ΔOffset**	0.000	**ΔElev**	-598.998	**Grade to line**	-99999999.00%

Survey event

Survey event	End survey

Reduced points

Point	001	**North**	4688290.153	**East**	7513081.103	**Elevation**	598.810	**Code**	asfallt
Point	002	**North**	4688291.862	**East**	7513080.204	**Elevation**	598.785	**Code**	asfallt
Point	003	**North**	4688293.093	**East**	7513079.616	**Elevation**	598.770	**Code**	asfallt
Point	004	**North**	4688294.674	**East**	7513077.662	**Elevation**	598.819	**Code**	asfallt
Point	005	**North**	4688288.691	**East**	7513078.103	**Elevation**	598.820	**Code**	ParcelaB 9686
Point	006	**North**	4688294.985	**East**	7513076.210	**Elevation**	598.819	**Code**	asfallt
Point	007	**North**	4688296.834	**East**	7513072.796	**Elevation**	598.843	**Code**	asfallt
Point	008	**North**	4688301.388	**East**	7513063.750	**Elevation**	598.847	**Code**	asfallt
Point	009	**North**	4688308.872	**East**	7513048.253	**Elevation**	598.980	**Code**	asfallt
Point	010	**North**	4688315.651	**East**	7513034.314	**Elevation**	599.098	**Code**	asfallt
Point	011	**North**	4688321.453	**East**	7513022.198	**Elevation**	599.236	**Code**	asfallt
Point	012	**North**	4688330.071	**East**	7513007.191	**Elevation**	599.506	**Code**	asfallt
Point	013	**North**	4688332.425	**East**	7513004.489	**Elevation**	599.562	**Code**	asfallt
Point	014	**North**	4688333.774	**East**	7513003.242	**Elevation**	599.590	**Code**	asfallt
Point	015	**North**	4688336.080	**East**	7513004.903	**Elevation**	599.464	**Code**	rrethoj
Point	016	**North**	4688339.829	**East**	7513007.489	**Elevation**	599.466	**Code**	rrethoj
Point	017	**North**	4688349.379	**East**	7513013.191	**Elevation**	599.249	**Code**	rrethoj
Point	018	**North**	4688350.443	**East**	7513014.030	**Elevation**	599.212	**Code**	rrethoj
Point	019	**North**	4688303.579	**East**	7513048.535	**Elevation**	598.648	**Code**	ParcReNe 10056
Point	020	**North**	4688289.040	**East**	7513077.488	**Elevation**	598.808	**Code**	ParcReNe 10052
Point	021	**North**	4688288.700	**East**	7513078.139	**Elevation**	598.827	**Code**	ParcReNe 10048
Point	022	**North**	4688292.450	**East**	7513080.709	**Elevation**	598.759	**Code**	Ndarjet 10279
Point	023	**North**	4688293.138	**East**	7513081.195	**Elevation**	598.561	**Code**	ParcReNe 10044
Point	024	**North**	4688305.693	**East**	7513081.809	**Elevation**	598.689	**Code**	ParcReNe 10040
Point	025	**North**	4688310.940	**East**	7513085.793	**Elevation**	598.319	**Code**	ParcReNe 10036
Point	026	**North**	4688312.783	**East**	7513082.653	**Elevation**	598.583	**Code**	ParcReNe 10032
Point	027	**North**	4688327.915	**East**	7513057.146	**Elevation**	598.858	**Code**	ParcReNe 10027
Point	028	**North**	4688341.790	**East**	7513033.708	**Elevation**	598.766	**Code**	ParcReNe 10024
Point	029	**North**	4688350.061	**East**	7513019.742	**Elevation**	598.910	**Code**	ParcRe 10251
Point	030	**North**	4688356.711	**East**	7513008.728	**Elevation**	599.336	**Code**	ParcReNe 10020
Point	031	**North**	4688364.508	**East**	7512995.337	**Elevation**	599.654	**Code**	ParcReNe 10093
Point	032	**North**	4688362.926	**East**	7512998.085	**Elevation**	599.445	**Code**	ParcReNe 10019
Point	033	**North**	4688401.247	**East**	7512937.676	**Elevation**	600.151	**Code**	ParcReNe 10092
Point	034	**North**	4688418.988	**East**	7512909.830	**Elevation**	600.441	**Code**	ParcReNe 10092
Point	035	**North**	4688406.766	**East**	7512902.974	**Elevation**	600.701	**Code**	ParcReNe 10088
Point	036	**North**	4688401.412	**East**	7512900.685	**Elevation**	600.784	**Code**	ParcReNe 10084
Point	037	**North**	4688384.933	**East**	7512924.457	**Elevation**	600.403	**Code**	ParcReNe 10080
Point	038	**North**	4688359.297	**East**	7512959.394	**Elevation**	599.842	**Code**	ParcReNe 10076
Point	039	**North**	4688350.605	**East**	7512970.877	**Elevation**	599.840	**Code**	ParcReNe 10072
Point	040	**North**	4688342.919	**East**	7512982.768	**Elevation**	599.543	**Code**	ParcReNe 10068
Point	041	**North**	4688341.512	**East**	7512985.239	**Elevation**	599.587	**Code**	ParcReNe 10067
Point	042	**North**	4688345.303	**East**	7512987.585	**Elevation**	599.681	**Code**	Ndarjet 10323
Point	043	**North**	4688333.254	**East**	7512999.436	**Elevation**	599.613	**Code**	ParcReNe 10064
Point	044	**North**	4688328.451	**East**	7512997.307	**Elevation**	599.434	**Code**	ParcReNe 10060
Point	045	**North**	4688325.312	**East**	7513003.813	**Elevation**	599.370	**Code**	ParcRe 10278
Point	v4	**North**	4688330.205	**East**	7513006.958	**Elevation**	0.500	**Code**	ParcRe 10278
Point	046	**North**	4688330.231	**East**	7513006.977	**Elevation**	599.567	**Code**	v4
Point	047	**North**	4688307.639	**East**	7513050.525	**Elevation**	598.953	**Code**	Ndarjet 10308
Point	048	**North**	4688308.874	**East**	7513047.973	**Elevation**	598.998	**Code**	Ndarjet 10311