

FIELD INTELLIGENCE / AERIAL SURVEY

Los Chorros 1

Photogrammetry quality report

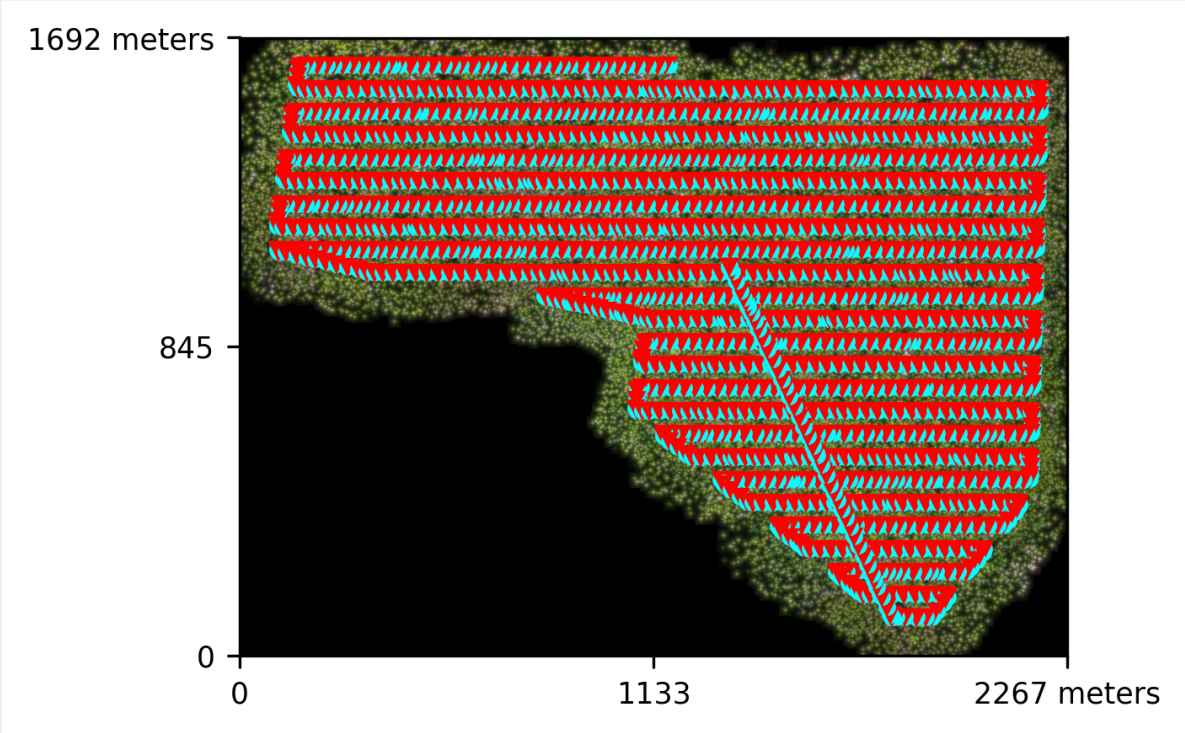
PREPARED BY
Pogonip Group, LLC
03 September 2025
Las Vegas, Nevada

Dataset Summary

Date	03/09/2025 at 12:44:41
Area Covered	3.156289 km²
Processing Time	19.0h:13.0m:50.0s
Capture Start	01/09/2025 at 10:35:33
Capture End	01/09/2025 at 13:13:14

Processing Summary

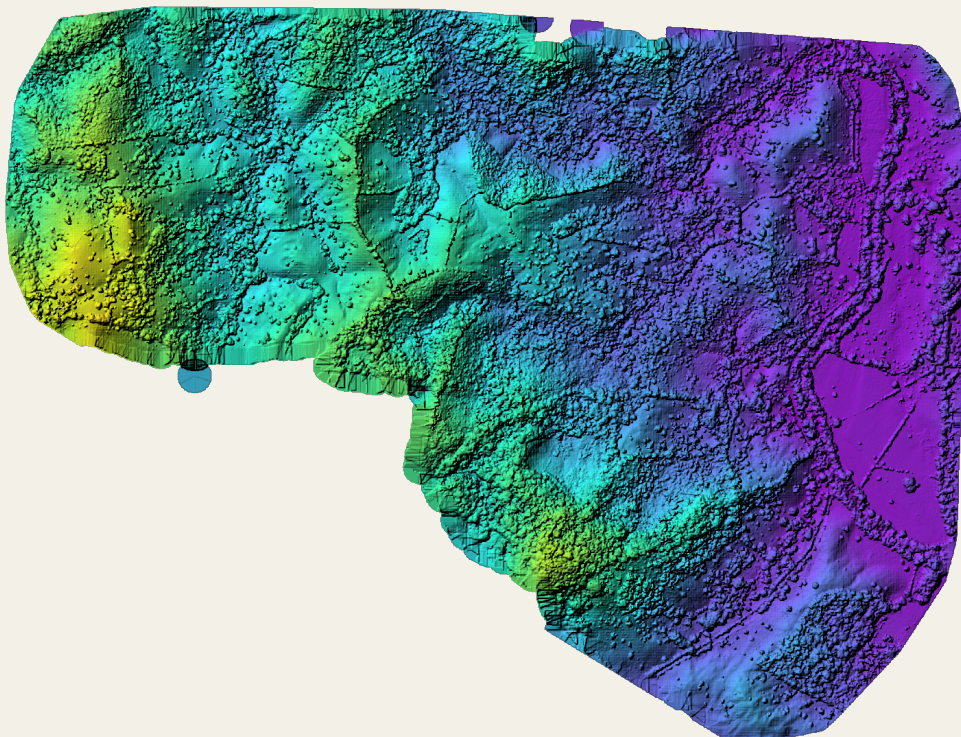
Reconstructed Images	1329 over 1329 shots (100.0%)
Reconstructed Points (Sparse)	1568951 over 1620676 points (96.8%)
Reconstructed Points (Dense)	362,460,861 points
Average Ground Sampling Distance (GSD)	4.6 cm
Detected Features	10,000 features
Reconstructed Features	3,799 features
Geographic Reference	GPS
GPS errors	0.00 meters



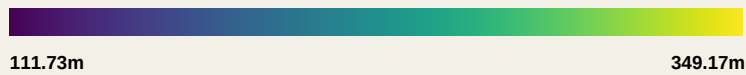
Previews



Orthophoto

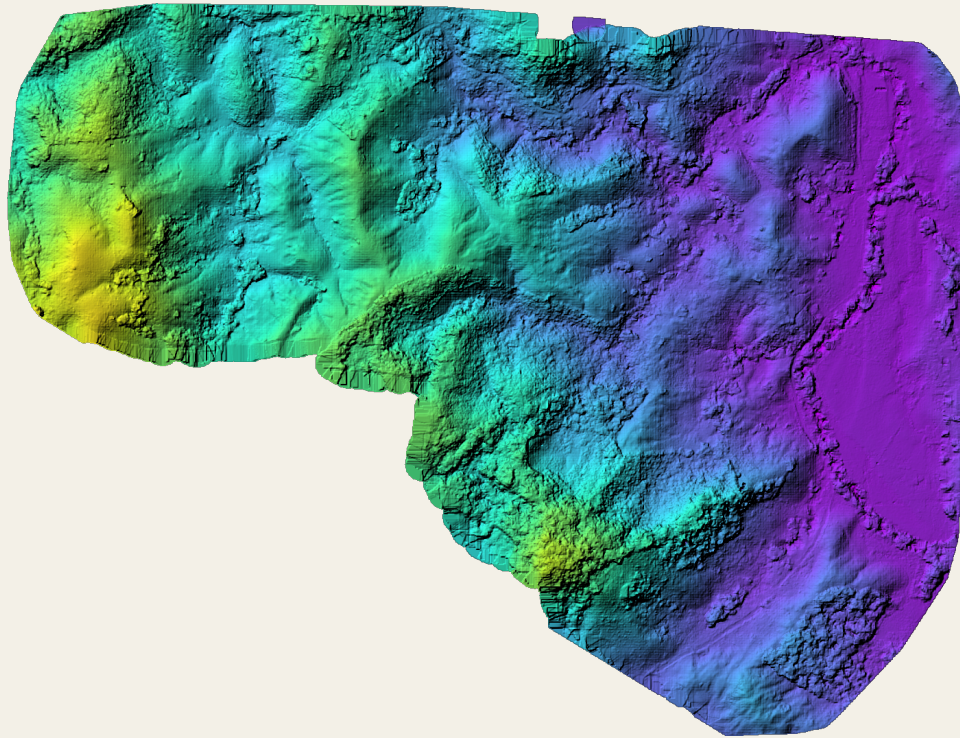


Digital Surface Model

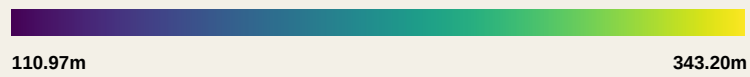


111.73m

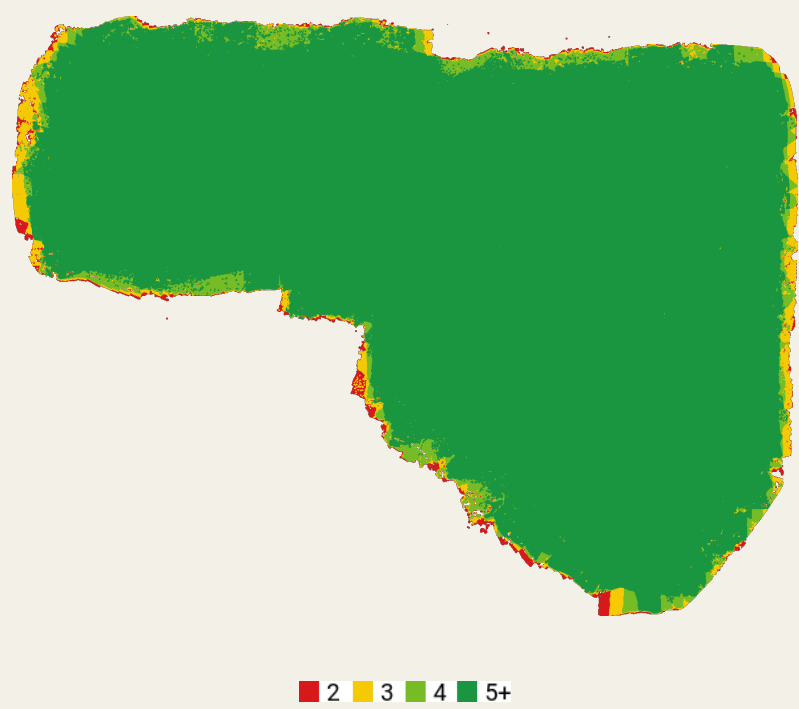
349.17m



Digital Terrain Model



Survey Data



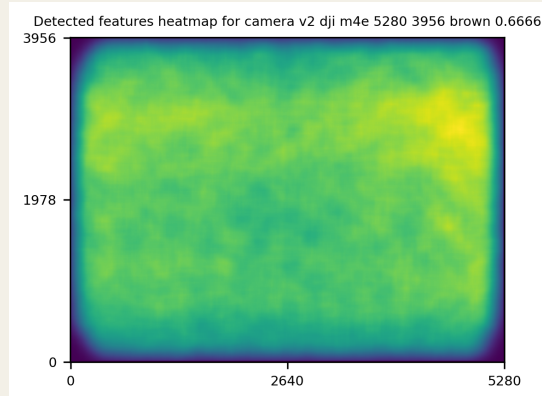
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	0.000	0.001	0.001
Y Error (meters)	0.000	0.002	0.002
Z Error (meters)	-0.000	0.006	0.006
Total			0.004

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.077	0.219	0.232
Y Error (meters)	0.168	1.070	1.083
Z Error (meters)	0.291	1.476	1.504
Total			0.372

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.003	0.362
Vertical Accuracy LE90 (meters)	0.009	0.617

Features Details



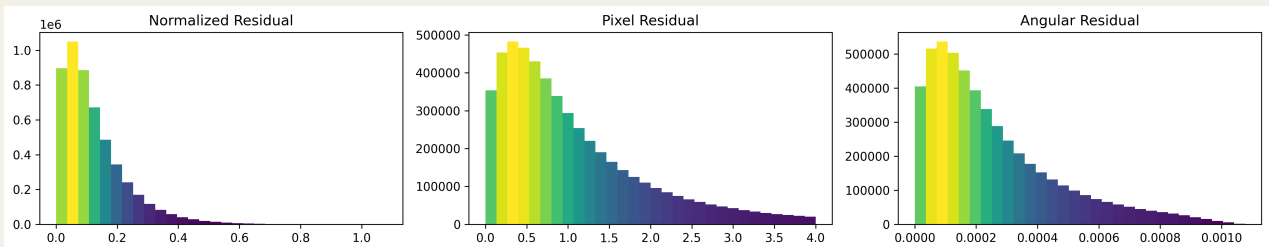
	Min.	Max.	Mean	Median
Detected	10000	10000	10000	10000
Reconstructed	1615	7936	4085	3799

Reconstruction Details

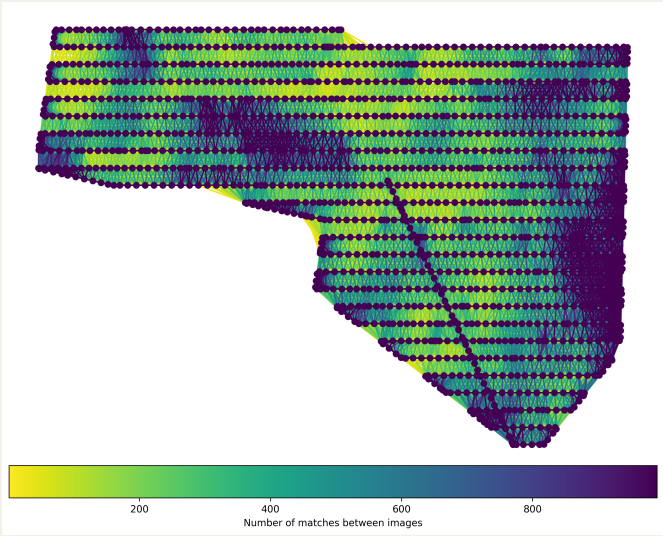
Average Reprojection Error (normalized / pixels / angular) 0.12 / 1.04 / 0.00025

Average Track Length 3.46 images

Average Track Length (> 2) 5.16 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	844692	311431	144641	77734	48213	33466	23592	17343	13242

Camera Models Details

v2 dji m4e 5280 3956 brown 0.6666

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6667	1.0000	0.0000	0.0000
Optimized	-0.1070	0.0005	-0.0171	-0.0001	0.0001	0.7033	1.0000	0.0035	-0.0039

