

Coepelduyn Noord - Boerhaaveweg 5 juni 2021 - Coepelduyn Noord - Boerhaaveweg 5 juni 2021

Captured: Jun 05, 2021, Processed: Jun 05, 2021



Map Details Summary ⓘ

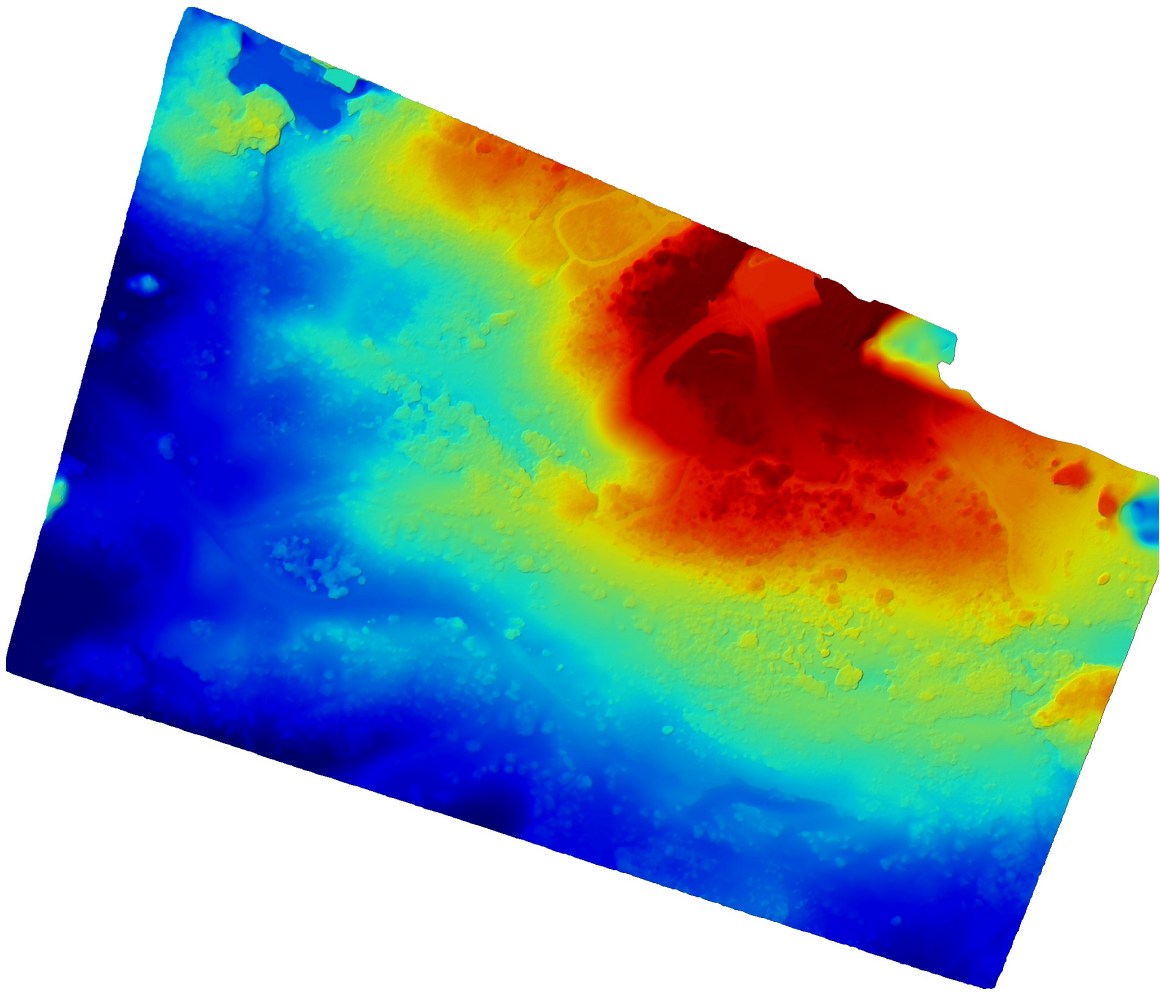
Project Name	Coepelduyn Noord - Boerhaaveweg 5 juni 2021 - Coepelduyn Noord - Boerhaaveweg 5 juni 2021
Photogrammetry Engine	DroneDeploy Proprietary
Date Of Capture	Jun 05, 2021
Date Processed	Jun 05, 2021
Processing Mode	Standard
GSD Orthomosaic (GSD DEM)	0.35in/px (DEM 1.38in/px)
Area Bounds (Coverage)	196266.00ft ² (112%)
Image Sensors	Hasselblad - L1D-20c

Quality & Accuracy Summary ⓘ

Image Quality	High texture images
Median Shutter Speed	1/120
Processing Mode	[Standard Mode - Designed to produce the best photogrammetry output based on the input imagery. Include predominantly nadir imagery for most efficient mapping of large fields and crops, natural open terrain, and generating topographical maps. Entirely nadir collects are not recommended for reconstructing the sides of buildings, overhangs, or complex equipment. Include horizontal and oblique imagery to optimize processing for high resolution 3D reconstruction of buildings, pipework & conveyors.]
Images Uploaded (Aligned %)	115 (100%)
Camera Optimization	0.02% variation from reference intrinsics

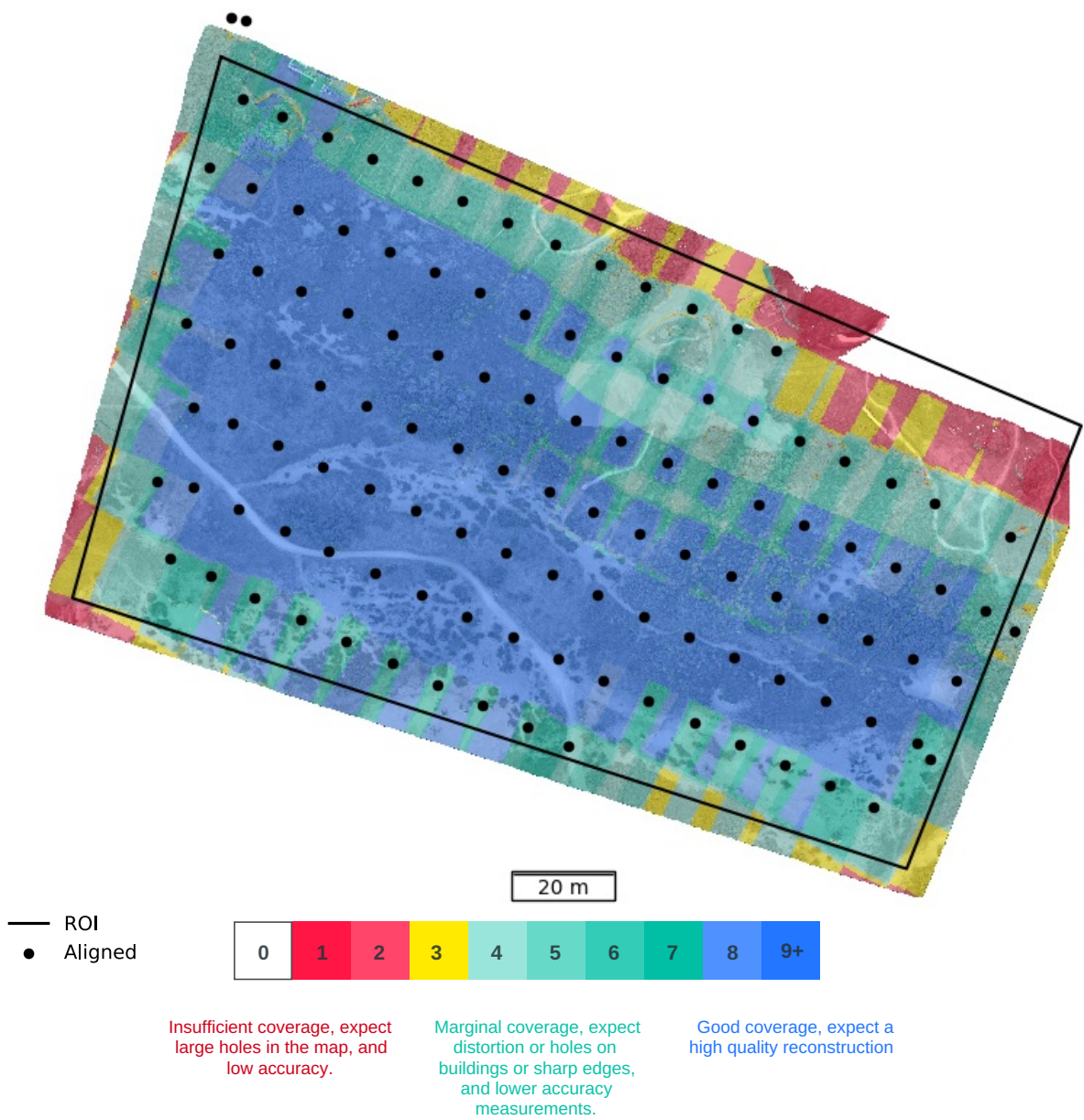
Preview ⓘ





Dataset Quality Review ⓘ

Orthomosaic Coverage ⓘ



Sensor(s) Used	Hasselblad - L1D-20c
Image Count (by sensor)	115
Image Resolution	5472x3648 (~20MP)
Orthomosaic coverage (% of area of interest)	112.60
Average Orthomosaic Image Density within Structured Area	8 images/pixel
Median Shutter Speed	1/120

Structure from Motion ⓘ

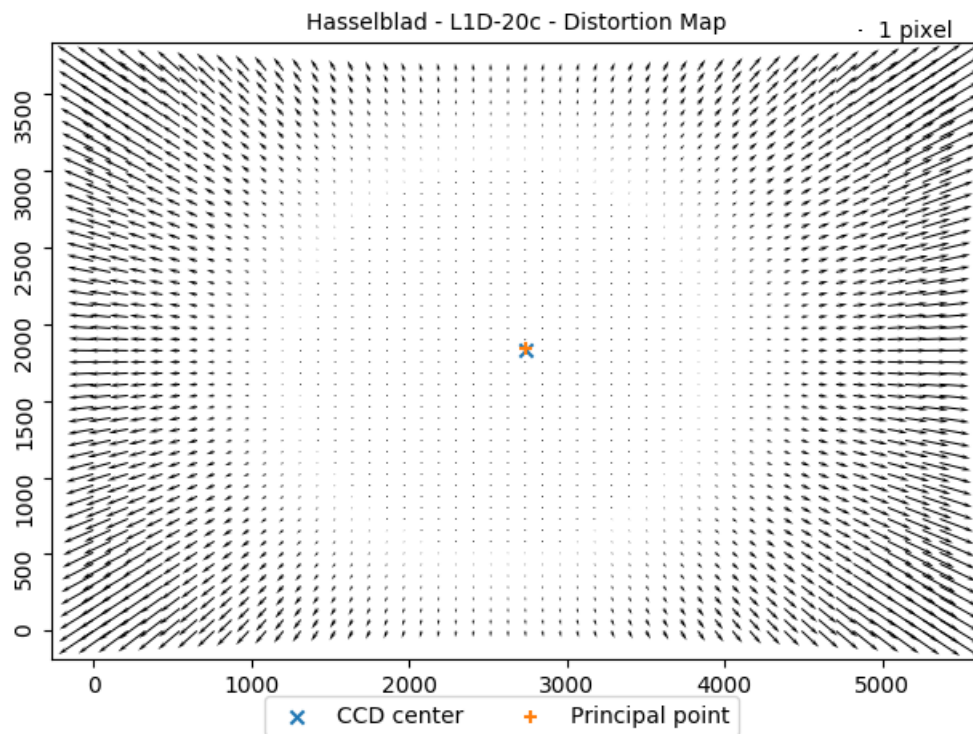


Aligned Cameras	100% 115/115
RMSE of Camera GPS Location	X 2.66ft Y 1.57ft Z 1.72ft RMSE 2.04ft

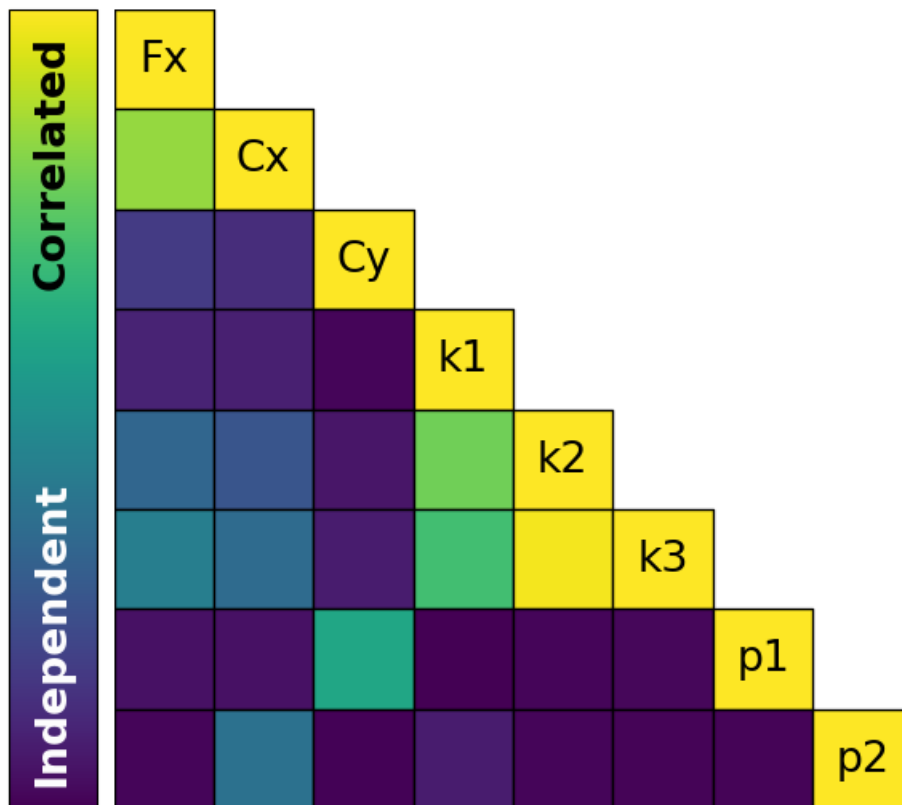
Camera Calibration ⓘ

Camera Optimization	0.02% variation from reference intrinsics
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Hasselblad - L1D-20c



	Fx	Cx	Cy	k1	k2	k3	p1	p2
Value	4474.13	2736.42	1837.75	0.00459131	0.0370868	-0.0439804	0.000116949	0.000344239
Error	7.85048	0.254617	0.118659	1.03779	4.42493	6.05558	0.0417971	0.0563205



Densification and Meshing

Processing Mode		[Standard Mode - Designed to produce the best photogrammetry output based on the input imagery. Include predominantly nadir imagery for most efficient mapping of large fields and crops, natural open terrain, and generating topographical maps. Entirely nadir collects are not recommended for reconstructing the sides of buildings, overhangs, or complex equipment. Include horizontal and oblique imagery to optimize processing for high resolution 3D reconstruction of buildings, pipework & conveyors.]
Processing Mode Quality		High
Nadir Images		100% Include oblique or horizontal images to improve reconstructions of man-made structures.
Oblique images		0%
Horizontal images		0%
Total Points		5.7 million
Point Cloud Density		25.76 points/ft ²
Mesh Triangles		1.3 million

Digital Elevation Model ⓘ

Mode	Generated from Mesh
DEM GSD	DEM 1.38in/px
Relative/Absolute	Relative Altitude vs Drone takeoff

