

Berkheide zuid PAS nov 2020

Captured: Nov 04, 2020, Processed: Dec 07, 2020



Map Details Summary ⓘ

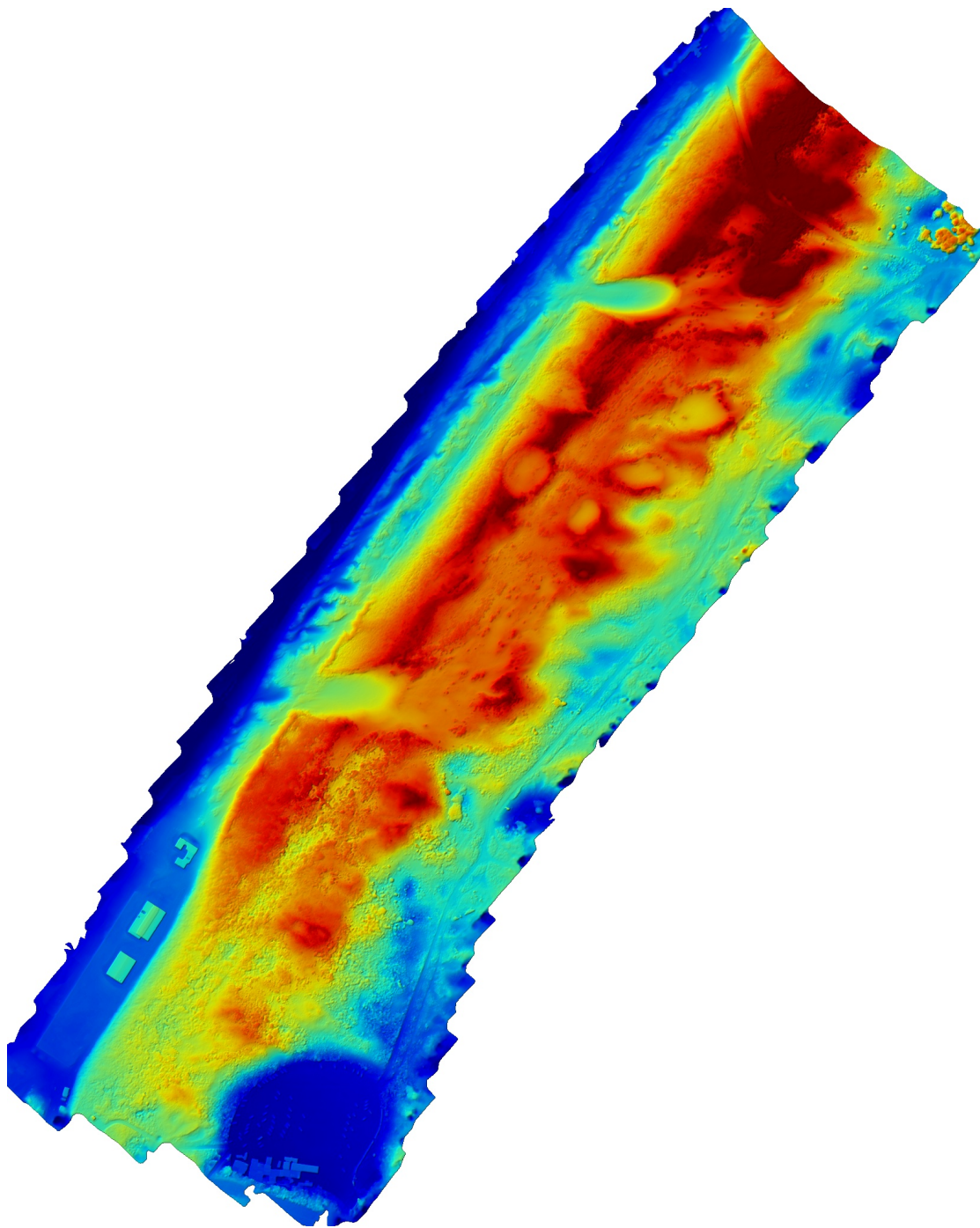
Project Name	Berkheide zuid PAS nov 2020
Photogrammetry Engine	DroneDeploy Proprietary
Date Of Capture	Nov 04, 2020
Date Processed	Dec 07, 2020
Processing Mode	Standard
GSD Orthomosaic (GSD DEM)	0.53in/px (DEM 2.13in/px)
Area Bounds (Coverage)	11106373.61ft ² (34%)
Image Sensors	Hasselblad - L1D-20c

Quality & Accuracy Summary ⓘ

Image Quality	High texture images
Median Shutter Speed	1/200
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 %)	892 (100%)
Camera Optimization	0.02% variation from reference intrinsics

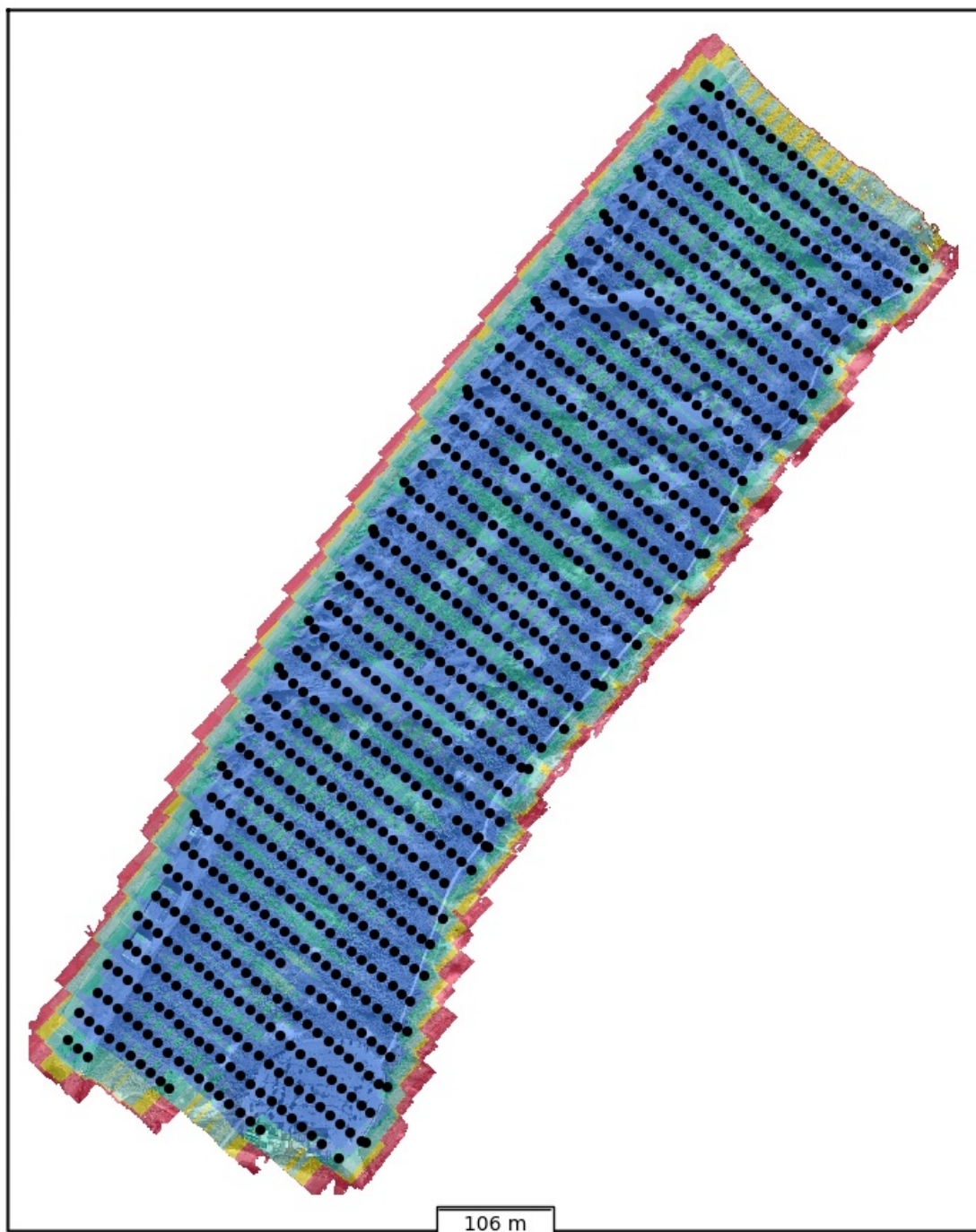
Preview ⓘ





Dataset Quality Review ⓘ

Orthomosaic Coverage ⓘ



— ROI
 • Aligned



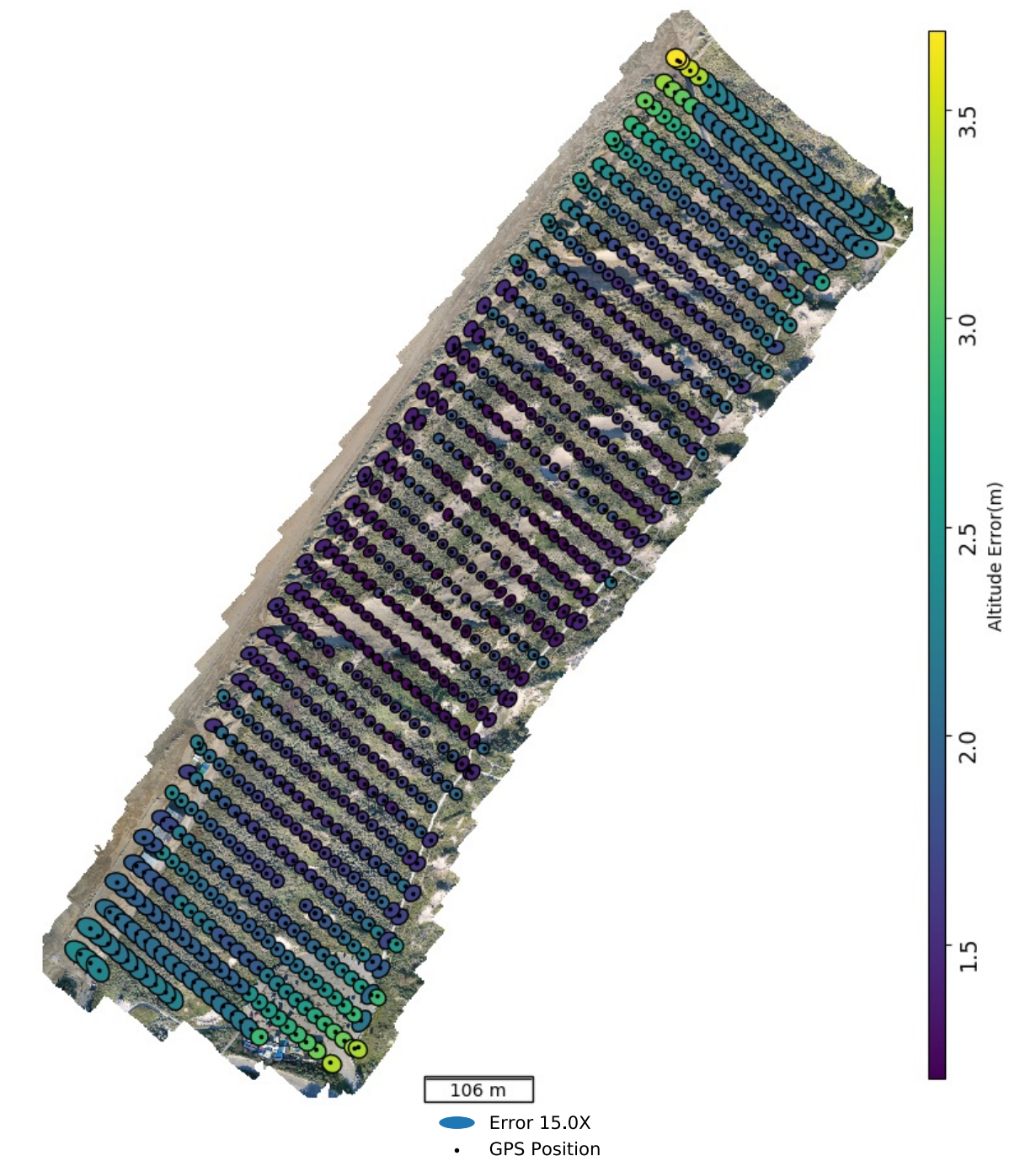
Insufficient coverage, expect large holes in the map, and low accuracy.

Marginal coverage, expect distortion or holes on buildings or sharp edges, and lower accuracy measurements.

Good coverage, expect a high quality reconstruction

Sensor(s) Used		Hasselblad - L1D-20c
Image Count (by sensor)		892
Image Resolution		5472x3648 (~20MP)
Orthomosaic coverage (% of area of interest)		34.43
Average Orthomosaic Image Density within Structured Area		9 images/pixel
Median Shutter Speed		1/200

Structure from Motion ⓘ

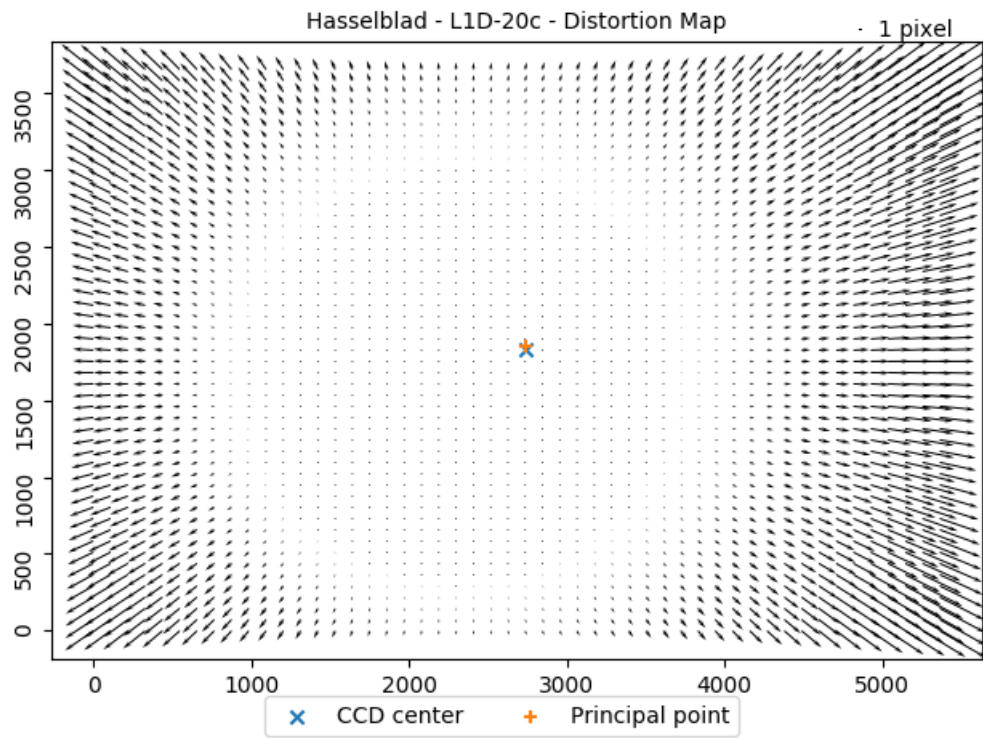


Aligned Cameras	100% 892/892
RMSE of Camera GPS Location	X 3.79ft Y 3.25ft Z 1.84ft RMSE 3.07ft

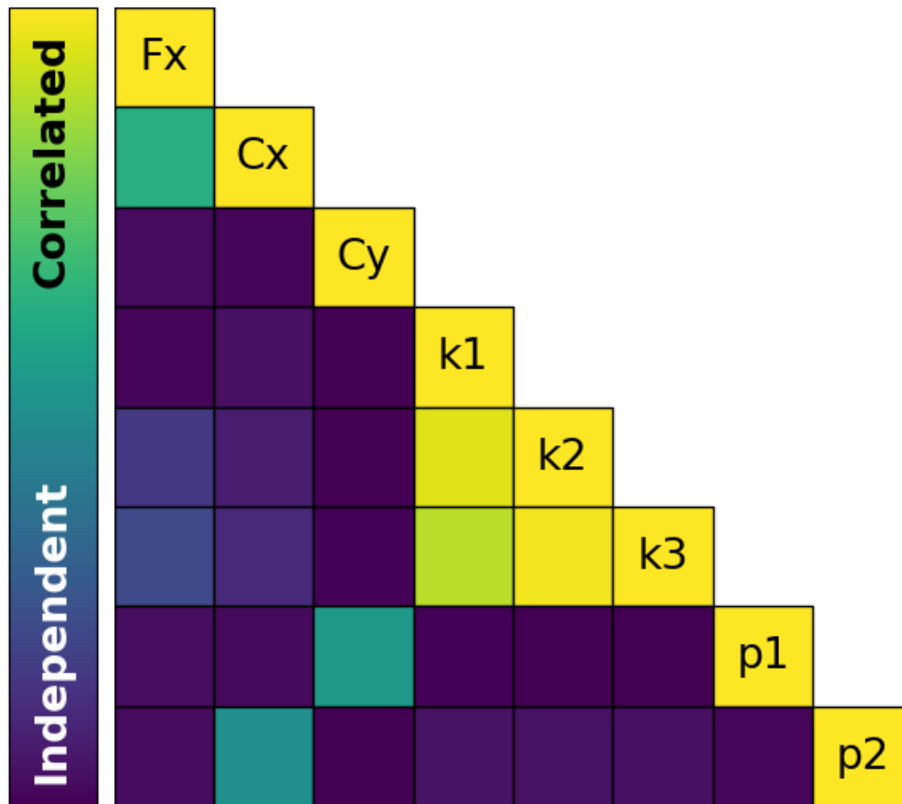
Camera Calibration ⓘ

Camera Optimization	0.02% variation from reference intrinsics
---------------------	---

Hasselblad - L1D-20c



	Fx	Cx	Cy	k1	k2	k3	p1	p2
Value	4401.47	2740.21	1844.34	0.00149375	0.0425594	-0.0484597	0.000306505	0.000701126
Error	1.00995	0.0616036	0.0436234	0.309548	1.2888	1.61988	0.0136235	0.0192302

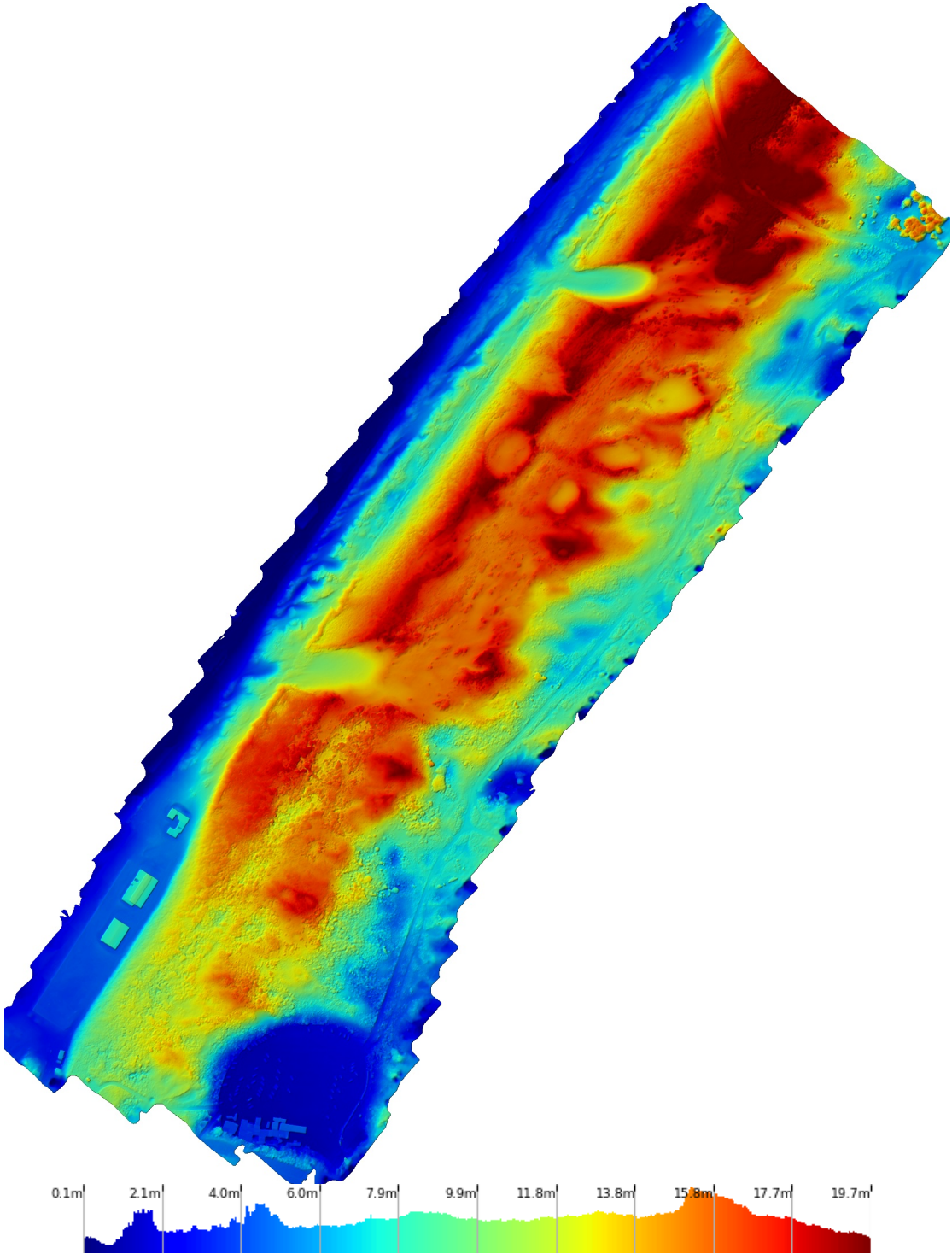


Densification and Meshing ⁽ⁱ⁾

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		56.1 million
Point Cloud Density		14.66 points/ft ²
Mesh Triangles		4.0 million

Digital Elevation Model ⓘ

Mode	Generated from Mesh
DEM GSD	DEM 2.13in/px
Relative/Absolute	Absolute Altitude





DroneDeploy

This map and report was produced with proprietary cloud photogrammetry software from DroneDeploy. [Provide feedback to improve this report](#)