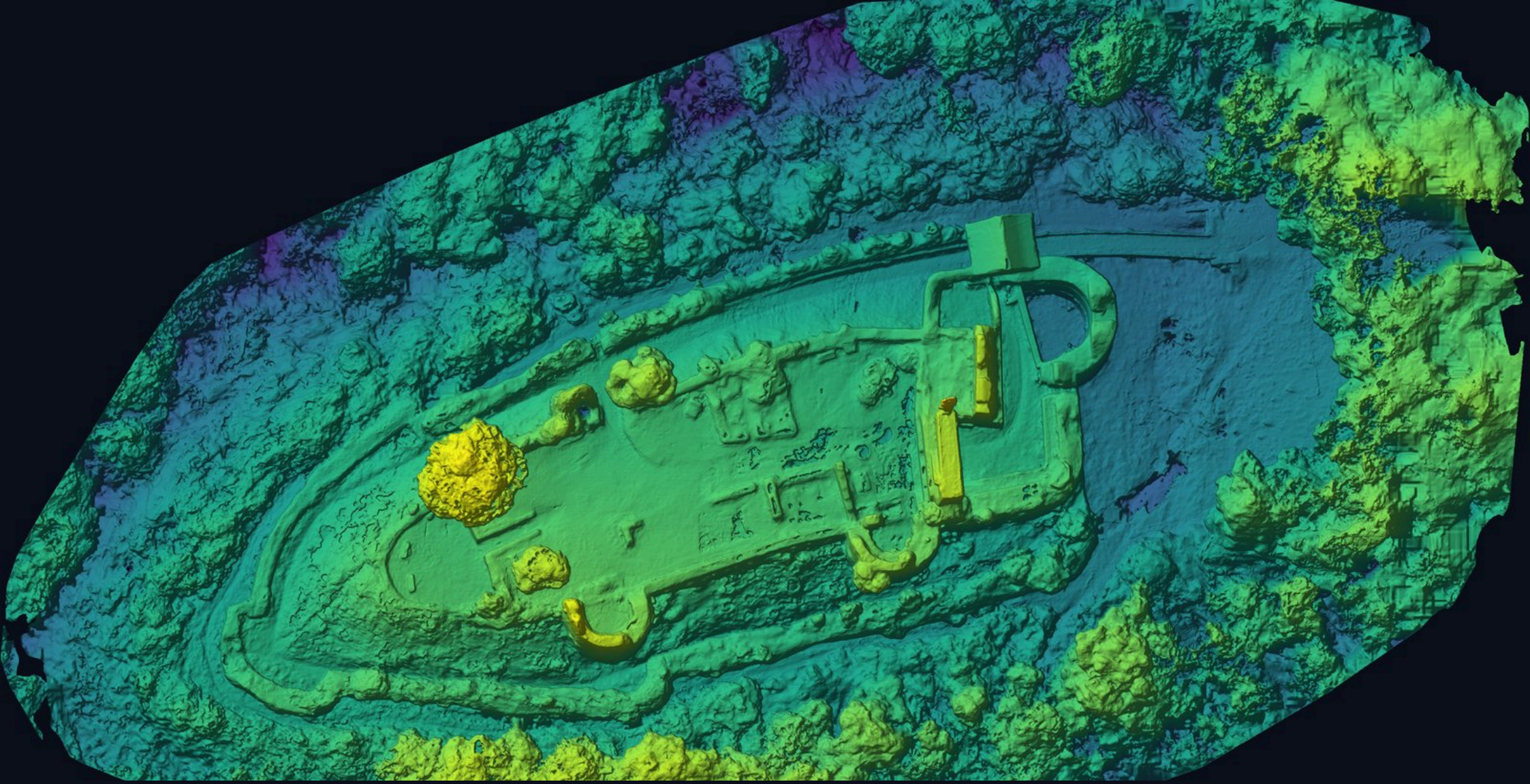




BITBLADE VISION

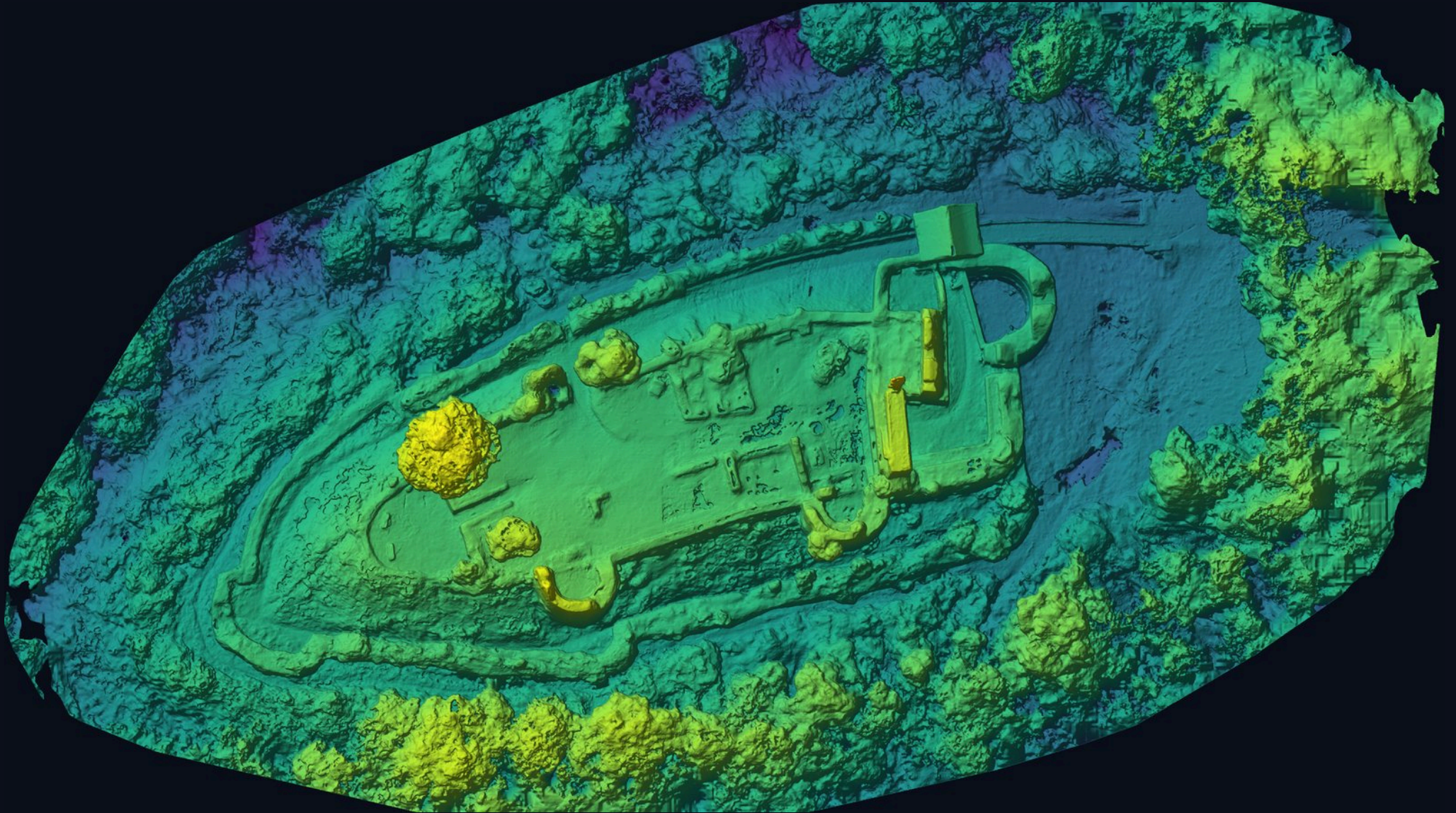
Sample deliverables: 3D aerial survey

Küssaburg castle ruin · 1,182 aerial images · 105 million 3D points · approx. 1 cm ground resolution · 0.10 km²



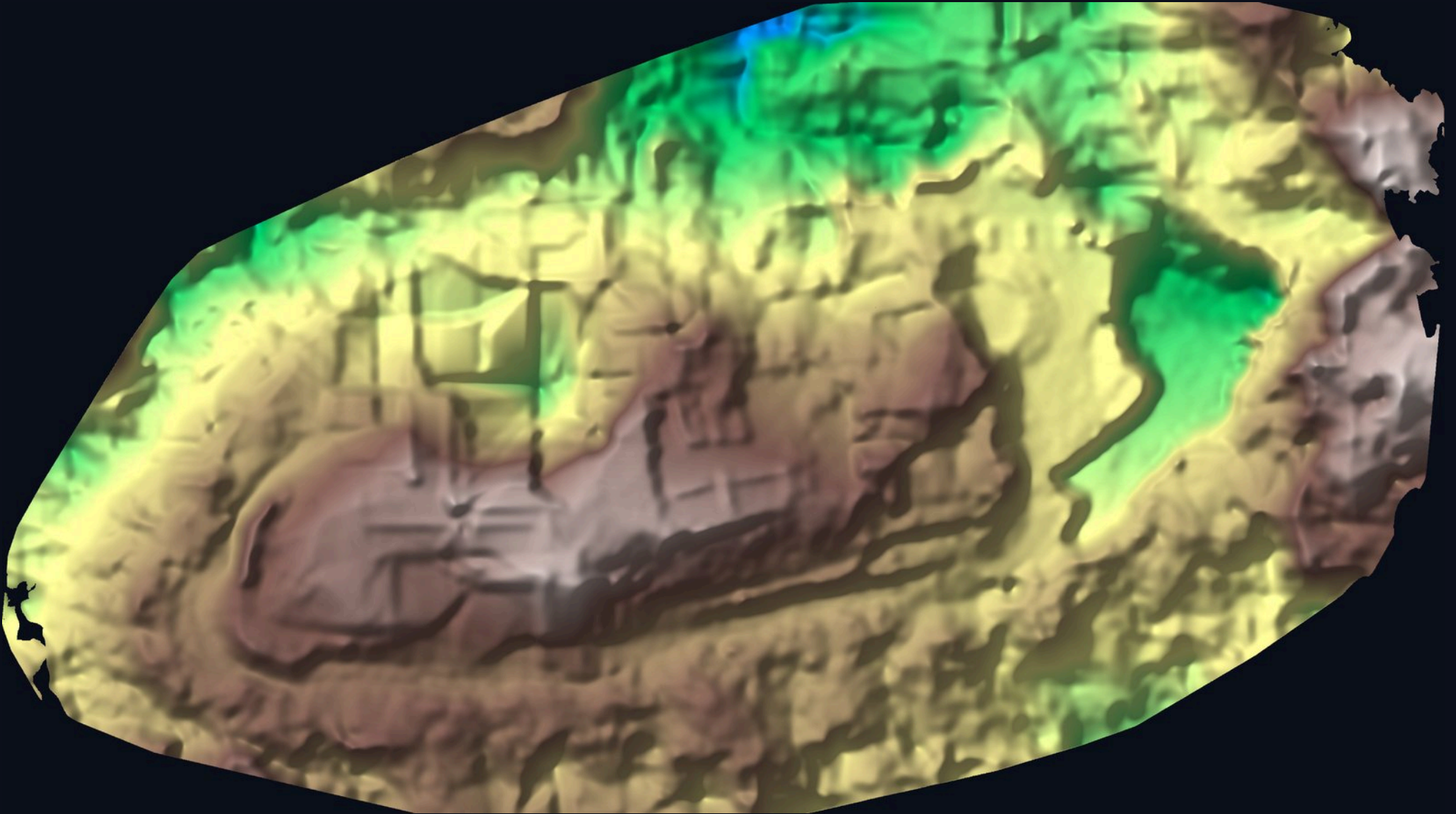
01 Orthophoto

True-to-scale, georeferenced aerial map (GeoTIFF).



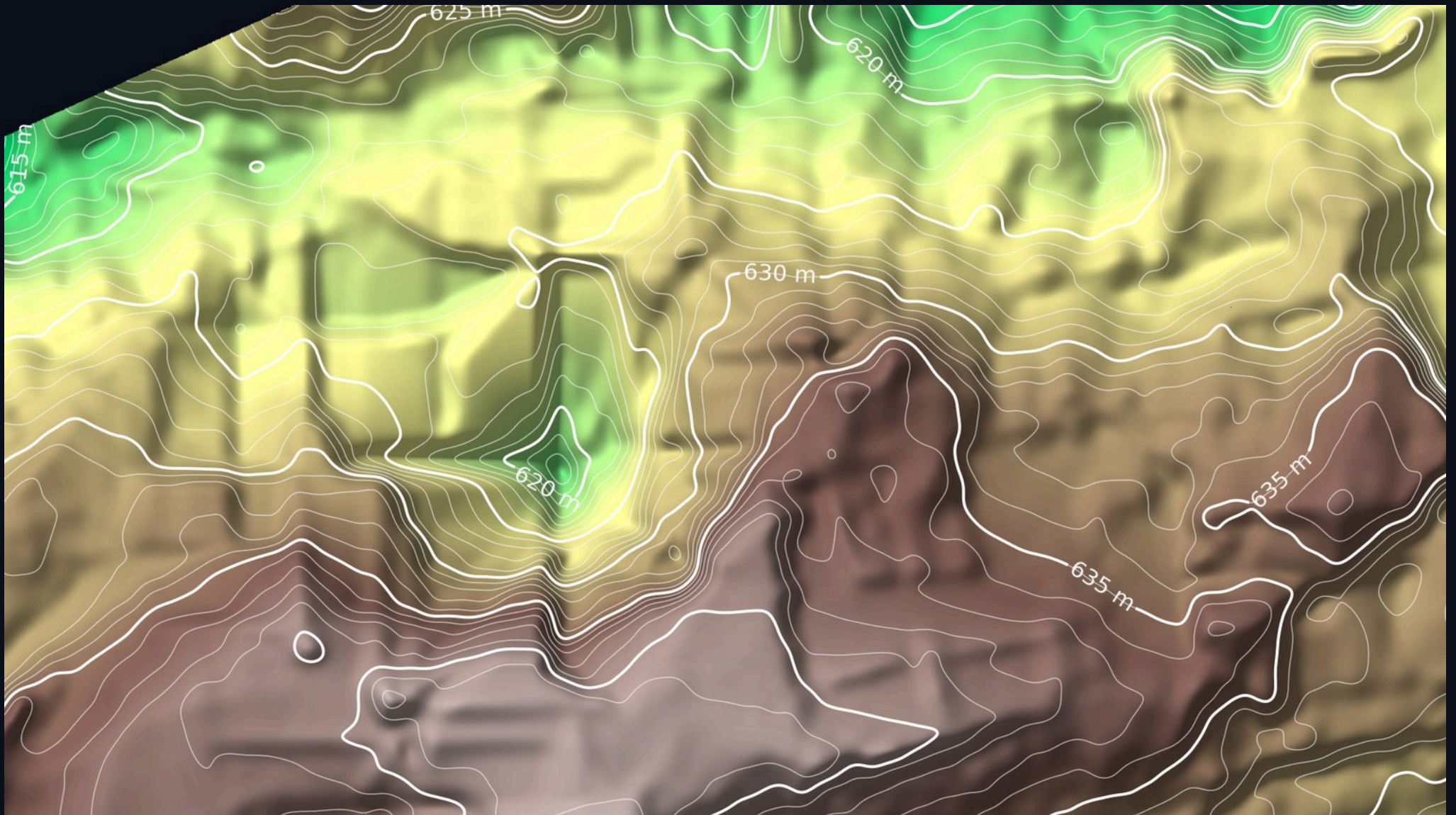
02 Surface model (DSM)

Heights of buildings, vegetation and terrain, colour-coded with hillshade (GeoTIFF).



03 Terrain model (DTM)

The bare ground without vegetation and structures ? basis for planning and earthworks.



04 Contour lines

1 m and 5 m contours from the terrain model (DXF, Shapefile, GeoJSON).



05 Vegetation index

Plant health from RGB images (VARI) ? green = vital, yellow/red = little vegetation.



06 Camera positions

Every image location as geodata ? for documentation and repeatable flights.



07 Point cloud: entire site

Colour, georeferenced point cloud (LAS/LAZ, PLY).



08 Point cloud: close-up

Masonry and round tower in detail.