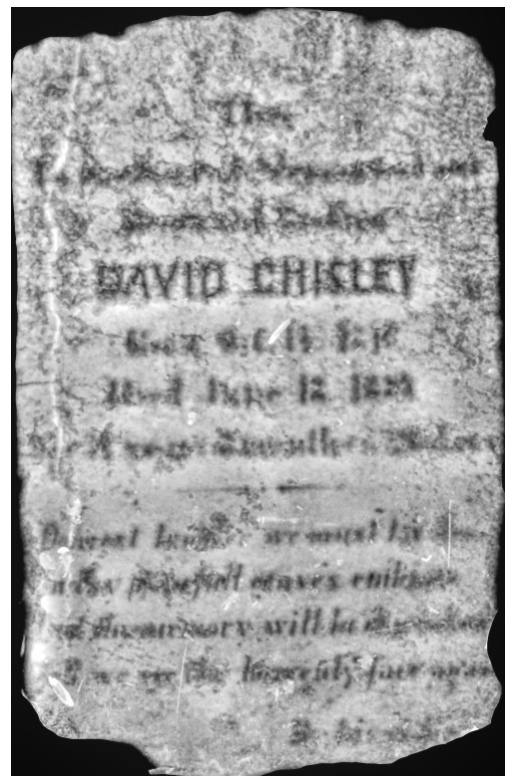


Historical Headstones Inscriptions - Photogrammetry Analysis

Photogrammetry is the science of creating 2D and 3D models from photographs of objects such as gravestones. It involves capturing multiple high-resolution images of an object or scene, and digitally analyzing and “stitching the images together” using specialized software. The digital analysis of the images can identify surface texture variations based on reflected light that are not necessarily visible to the human eye. The software converts the image data into geometry and spatial relationships to create a multi-dimensional representation of the object, revealing surface details such as a stone carver’s inscriptions. This technology is used in various fields, including archeology, mapping, architecture, filmmaking, and engineering

Matt Wheeler, a Foundation volunteer, revealed once illegible inscriptions on stone monuments using photogrammetry technology. His analysis revealed the identity of the interred person and details of memorial narratives.

In this example, Matt and Andrew Perrin used photogrammetry concepts to analyze and reveal a headstone as that of David Chisley.



Other headstone photogrammetry analysis examples can be viewed in these biographies held in the Foundation's Cemetery Information System (www.blackgeorgetown.info):

Reverend Joseph Cartwright (Sr)

J. H. Jeffries

Andrew Walker

Annie Burke

D. J. Borne