

Geoffrey L. Jones		Geophysical Specialist	
Availability: Immediate Email: gljones@crai-ky.com		Specific Duties: <ul style="list-style-type: none">• Geophysical and Remote Sensing survey and analysis• Report preparation• Proposal development• Archaeological survey and excavation	
Experience Summary Information			
Geophysical Specialist Cultural Resource Analysts, Inc. 2025–present		Archaeological Geophysicist/Principal Archaeo-Physics, LLC 1998-2025	
		Senior Technician Institute for Minnesota Archaeology/IMA Consulting 1991-1997	
<p>Geoffrey Jones serves as a specialist in archaeological geophysics out of CRA's Headquarters in Lexington. His duties encompass all aspects of geophysical survey and other remote sensing projects (aerial and satellite imagery, photogrammetry, LIDAR, etc.). He is responsible for seeing all aspects of these projects through to completion. These responsibilities include geophysical survey design, fieldwork, data analysis, and final report preparation. He is experienced in geophysical survey at Precontact, Protohistoric, and Historic archaeological sites and has acted as lead geophysicist for archaeological projects throughout the Continental United States, Europe, and the Middle East. He regularly presents papers at regional, national, and international conferences, and has been a frequent instructor at archaeological field schools and geophysical workshops. He has authored numerous technical reports and has published articles in regional, national, and international journals.</p>			
<p>Experience and Expertise:</p> <ul style="list-style-type: none">• Archaeological Geophysics• Remote Sensing• Geospatial Analysis and Geographic Information Systems (GIS)• Advanced Archaeo-geophysical data processing• GNSS systems• Archaeological survey, testing, and excavation			
<p>Education:</p> <p>Undergraduate study in Anthropology, University of Minnesota</p>			
<p>Archaeo-geophysical Field Experience Highlights:</p> <ul style="list-style-type: none">• Lead Geophysicist, Minnesota State Capitol Historic District Evaluation and Testing, 2025• Instructor (2017-2024), Current Archeological Prospection: Advances for Non-destructive Investigations Workshop (sponsored by the National Park Service)• Lead Geophysicist, numerous Precontact campsites and lithic scatters in the Powder River Basin, Montana and Wyoming, 2001-2024• Lead Geophysicist/Geospatial Analyst, geophysical survey and remote sensing analysis of six Precontact mound sites on Lake Minnetonka, Minnesota, 2017-2021• Lead Geophysicist/Geospatial Analyst, Geophysical Survey of Burial Site Areas, Clayton			

- County, Iowa, 2019-2020
- Lead Geophysicist, Magnetic Susceptibility Reconnaissance Survey of the Tobias Site, Kansas (14RC8), 2019
 - Lead Geophysicist/Geospatial Analyst, NRHP Nomination: Steele Mounds and Pond Mounds Sites, Shakopee Historic District, Minnesota 2018-2019
 - Lead Geophysicist, ground-based geophysics investigation and NRHP testing of eight archaeological sites on Lake Sakakwea and Lake Audubon, South Dakota, 2018
 - Lead Geophysicist, Geophysical Survey of the Kutoyis Bison Kill Site (24GL366), Montana, 2015
 - Geospatial Analyst, archaeological survey of precontact mortuary sites in Beadle, Day, Marshall, and Spink Counties, South Dakota, 2015-2016
 - Archaeological geophysicist, NRHP Nomination: Indian Mounds Park Mound Group, St. Paul, Minnesota, 2015
 - Geospatial Analyst, Study: Evaluating Minnesota's Historic Dams, A Framework for Management, 2013
 - Lead Geophysicist, 2013 Texas Archaeological Society Field program
 - Geophysical surveys, Reaume's Leaf River Fort (21WD15), Morrison County, Minnesota, 2013 and 1999
 - Lead Geophysicist, Geophysical Survey of The Eastep site (14MY388) for the Kansas Archaeology Training Program, 2010
 - Archaeological Geophysicist, Geophysical Survey of The Awwam Temple (Mahram Bilqis), Ma'rib, Yemen, 2006
 - Lead Geophysicist, Geophysical Survey of the Nabateo-Roman Site of Wadi Ramm, Jordan, 2005
 - Archaeological Geophysicist, Geophysical Survey of Tell Ahmar (Til Barsip), Syria, 2000-2001
 - Archaeological Geophysicist, Tulsa Oklahoma 1921 Race Massacre: search for mass graves, 1998
 - Archaeological Geophysicist/Instructor, University of Oklahoma Archaeological Field School, 1998

Select Publications and Technical Reports:

- Jones, Geoffrey** (2025). *Minnesota State Capitol Mall Historic District: Geophysical Investigations*. Archaeo-Physics LLC Report of investigation No. 355.
- Jones, Geoffrey** (2025). *Ground penetrating radar survey of the Hamm's Brewery Complex*. Archaeo-Physics LLC Report of investigation No. 353.
- Jones, Geoffrey** (2022). *Geophysical Investigation of three historic sites in Deadwood, SD*. Archaeo-Physics LLC Report of investigation No. 329.
- Jones, Geoffrey** (2021). *The 21SC29 Mound Group: Lidar modeling and analysis of the 1889 T.H. Lewis survey*. Archaeo-Physics LLC Report of investigation No. 310.
- Jones, Geoffrey** (2020). *Geophysical investigation of the 21CR0002 mound group*. Archaeo-Physics LLC Report of investigation No. 286.
- Tveskov, Mark & Rose, Chelsea & **Jones, Geoffrey** & Maki, David (2019). Every rusty nail is sacred, every rusty nail is good: Conflict archaeology, remote sensing, and community engagement at a northwest coast settler fort. *American Antiquity*. 84. 48-67. 10.1017/aaq.2018.80.
- Geoffrey Jones** (2019). *Magnetic susceptibility reconnaissance survey of the Pond Mounds (21SC0022)*. Archaeo-Physics LLC Report of investigation No. 283.
- Geoffrey Jones** (2019). *Geophysical Investigation of Eight Archaeological Sites on USACE Lands, Lake Sakakawea/Garrison Dam*. Prepared for: US Army Corps of Engineers Omaha District. Archaeo-Physics LLC Report of investigation No. 267.
- Geoffrey Jones** (2017). *Geophysical Investigation of the Van Ness Mounds (21HE8)*. Archaeo-Physics LLC Report of investigation No. 254.
- Geoffrey Jones** (2016). *Geophysical survey at Miner's Fort (35CU241), Curry County Oregon*. Archaeo-Physics LLC Report of investigation No. 233.

- Brandi Bethke, María Nieves Zedeño, **Geoffrey Jones**, Matthew Pailes (2016) Complementary approaches to the identification of bison processing for storage at the Kutoyis complex, Montana. *Journal of Archaeological Science: Reports*. 17. 10.1016/j.jasrep.2016.05.028.
- Geoffrey Jones** (2013). *Magnetic survey results and preliminary interpretations of sites 13LE914; 13LE915; 13LE916; and 13LE923, Lee County, Iowa*. Archaeo-Physics LLC Report of investigation No. 186.
- Geoffrey Jones** (2012). *Magnetic reconnaissance of thirty-seven archaeological sites on the Arch Coal, Inc. Otter Creek Mine*. Archaeo-Physics LLC Report of investigation No. 183.
- Geoffrey Jones** (2012). *Magnetic survey of forty-three archaeological sites on the WECO Rosebud Mine Area F, Rosebud and Treasure Counties, Montana*. Archaeo-Physics LLC Report of investigation No. 174.
- Geoffrey Jones** (2011). *Ground penetrating radar survey at the Schmidt Brewery complex*. Archaeo-Physics LLC Report of investigation No. 179.
- Geoffrey Jones** (2011). *Geophysical Mapping of the 101 Ranch Historic District*. Archaeo-Physics LLC Report of investigation No. 165.
- Geoffrey Jones** (2011). *Magnetic surveys at the Razdolnoe Site and Razdolnoe Kurgans, Ukraine*. Prepared for the Institute for Ancient Equestrian Studies (Hartwick College, Oneonta, NY). Archaeo-Physics LLC Report of investigation No. 162.
- Geoffrey Jones** (2010). *A Geophysical Investigation of the Douglas Pioneer Cemetery*. Prepared for the Douglas Historic Preservation Commission, Douglas, Wyoming. Archaeo-Physics LLC Report of investigation No. 153.
- Boden, Peggy J., David Maki, **Geoffrey Jones** (2010). *A Limited Archaeological Reconnaissance Survey of the Grounds of the Prairie Island Nuclear Generating Plant, Red Wing, Goodhue County, Minnesota*. Merjent Report, Minneapolis.
- Geoffrey Jones** (2008). Geophysical Mapping of Historic Cemeteries. *Technical Briefs in Historical Archaeology* 3: 25-38.
- Jones, Geoffrey** (2006). The Wyandotte County Cemetery: a case study in geophysical assessment of historic cemeteries. *Proceedings of the 2006 Highway Geophysics - NDE conference, Saint Louis, Missouri, December 4-7 2006*.
- Jones, Geoffrey** (2005). Mapping Unmarked Graves at Layman's Cemetery. *Hennepin History*. Vol. 64, No. 3.
- Perry, Megan A. and **Geoffrey Jones**. The 2005 Wadi Ramm GPR Survey. *Annual of the Department of Antiquities, Jordan*. Vol. 50, pp. 157-167.
- Jones, Geoffrey**, Gene Munson (2005). Geophysical Survey as an Approach to the Ephemeral Campsite Problem: Case Studies from the Northern Plains. *Plains Anthropologist*, Vol. 50, No. 193.
- Geoffrey Jones** (2005). *A Geophysical Investigation of the Bellevue Bridge Alternative 3 Corridor: A search for Historic boat wrecks in the Missouri River floodplain, Mills County, Iowa*. Archaeo-Physics LLC Report of investigation No. 83.
- Jones, Geoffrey**, David L. Maki. Lightning-Induced Anomalies on Archaeological Sites. *Archaeological Prospection*. Volume 12, Issue 3 pp. 191-197.
- Jones, Geoffrey**, David L. Maki, Michael Hargrave (2003). *A Geophysical Investigation At Cahokia Mounds Historic Site*. Archaeo-Physics LLC Report of investigation No. 52.
- Jones, Geoffrey** (2002). *Geophysical Investigations at San Jose de las Huertas - A Spanish Colonial Community in Bernalillo County, New Mexico*. Archaeo-Physics LLC Report of investigation No. 44.
- Maki, David L., **Geoffrey Jones** (2001). *Geophysical Investigations at the Buried City and Related Sites: Six Plains Village Sites on the Courson and Lipps Ranches in the Texas Panhandle*. Archaeo-Physics LLC Report of investigation No. 44.
- Jones, Geoffrey** (2001). Geophysical Investigation at the Falling Creek Ironworks, an Early Industrial Site in Virginia. *Archaeological Prospection*. 8, 247-256.
- Maki, David L., **Geoffrey Jones** (1998). *Search for Graves from the Tulsa Race Riot Using Ground Penetrating Radar*. Archaeo-Physics LLC Report of investigation No. 5.