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R. Berle Clay, PhD, RPA		Principal Investigator, Prehistoric Ceramics Specialist, Geophysical Specialist	
Availability: Immediate	Email: rbclay@crai-ky.com	RPA Registration ID: 10609	Specific Duties:
			<ul style="list-style-type: none"> Remote sensing Principal investigator
Education and Training:			
<ul style="list-style-type: none"> Ph.D., anthropology, Southern Illinois University M.A., anthropology, University of Kentucky B.A., anthropology, Yale University 			
Experience Summary Information			
Principal Investigator	Near-Surface Remote Sensing Specialist	State Archeologist for Kentucky	
Cultural Resource Analysts, Inc. 1997 – present	Late 1980s – present	1976 – 1997	
<p>Dr. Clay has served as a principal investigator, ceramic analyst, and near-surface remote sensing specialist for Cultural Resource Analysts for the past 3 years. He has overseen primarily large-scale phase III mitigation projects. Since the late 1980s, he has concentrated in near-surface remote sensing using various geophysical techniques.</p> <p>Dr. Clay has 37 years experience in all aspects of archeology including teaching, management, and field research in both academic and cultural resource management contexts. Since 1976, he has conducted archeological research in Archaic, Woodland, and Late Prehistoric periods as well as on historic period sites. While State Archeologist, Dr. Clay reviewed compliance on State- and Federal-level undertakings. He also managed a state antiquities act and was involved in consultation with Native American representatives on burial issues. He established and maintained state-level computerized databases of archeological site and project information and was an earlier collaborator with the National Park Service in the development NADBR (National Archeological Database). His recent geophysical remote sensing activities have found him engaged in surveys all over the Midwest. He currently is an invited instructor in geophysical survey techniques at the yearly, National Park Service workshop in non-invasive archaeological techniques.</p> <p>Experience Highlights:</p> <ul style="list-style-type: none"> He has spent many years researching the archeology of Kentucky and Tennessee in general and the Lower Cumberland and Tennessee River valleys in particular. Dr. Clay has been responsible for project reviews on a State as well as Federal level. He also has an extensive background in prehistoric ceramic analysis (Ohio, Tennessee, and Mississippi River valleys). Has published research widely and is well known for his contributions to archeology of the Eastern United States. <p>Recent Surveys:</p> <ul style="list-style-type: none"> Geophysical Survey of 33As32, Ashland County, Ohio, near Ashland, Ohio, 2007 Geophysical Survey of 33Le680, Lawrence County, Ohio, 2007 Geophysical Survey of an Archaeological Site Near Hebron, Boone County, Kentucky, 2007 			

- Geophysical Survey at the Poverty Point Site, Louisiana, 2006-7.
- 2006 Geophysical Survey at the Site of Werowocomoco (44Gl32), Gloucester County, Virginia.
- Geophysical Survey at 33Li1094, Licking County, Ohio, 2006
- Geophysical Survey at 15Gd87, Camp Dick Robinson, 2006
- Geophysical Survey on the Avenue of the Saints, Clark County, Missouri, 2005
- Survey of possible cemetery at 31 Rock Springs Rd., Preston, Bath County, Kentucky, 2005.
- Geophysical Survey at Garrard County Civil War site, 2005.
- The Hopewell Site: East End Geophysical Survey, May 16 – 20, 2005
- Geophysical Survey of 400 Square Meters of the Fort Jefferson Archaeological Site, Ballard County, Kentucky, 2004
- Geophysical Survey of Portions of Sites 78 and 136 in the Ravensford Archaeological District, Cherokee, North Carolina, 2004
- Geophysical Survey of Two Archaeological Sites for MODOT, 2004.
- Geophysical Survey at the Kincaid Site, Massac County, Illinois, 2004-continuing.
- Geophysical survey of prehistoric and historic archaeological sites on the Natchez Trace Parkway, Spring 2002, for the Southeast Archaeological Center, Tallahassee, Fla.
- Geophysical Survey of the Kituwah Historic District for the Eastern Bank of the Cherokee Nation Survey and identification of early historic, Qualla Phase townhouse and related structures, Bryson City, North Carolina.
- Geophysical Survey of Certain Areas of the Shiloh Archaeological Site, Shiloh National Military Park, Pittsburgh Landing, Tennessee, for Dr. David Anderson, Project Director, with the ***Southeast Archaeological Center of the National Park Service, Tallahassee, Fla.***
- Geophysical Survey at the French Dwelling Site, 22AD557, Natchez, Mississippi
Involved geophysical survey a site associated with early French structure at Natchez and identification of structures. Conducted for, Jill Halchin, Project Director, with the ***Southeast Archaeological Center of the National Park Service, Tallahassee, Fla.***
- Geophysical Survey of the site of Old Mobile, Mobile, Ala. Project for Dr. Gregory Waselkov and Friends of Old Mobile. Survey involved coverage of portions of the 1702 French initial settlement in an attempt to define the fort and other structures suggested on contemporary maps.
- Geophysical survey of the Crawford-Nurre Sawmill (15Wh165), Whitley County, Kentucky. Nashville District COE
- Geophysical survey at the Little Spanish Fort archeological site (22Sh5522), Sharkey County, Mississippi,
- Geophysical survey at cemetery sites in Land Between the Lakes, Golden Pond, Kentucky,
- Survey of Civil War fortifications above the Boonesborough Ferry in Clark County, Kentucky, and at West Point, Hardin County, Kentucky.
- Geophysical survey of period structures on the Civil War Perryville Battlefield
- Geophysical survey at the Pinson Mounds, Pinson, Tennessee
- Geophysical survey and archival documentation of the Rudy Cemetery, Jefferson County, KY
- Geophysical survey at the Middle Woodland, Hopewellian, Stubbs Earthwork in Ohio
- Geophysical survey of Mississippian hilltop sites in Illinois, Millstone Bluff and Dillow's Ridge
- Geophysical survey at the Late Prehistoric period Hollywood site in Mississippi
- Late Prehistoric Wickliffe Mounds site, Ballard County, Kentucky
- The Village of Monterey: Archival and remote sensing results
- Geophysical survey of the Crawford-Nurre Sawmill (15Wh165), Whitley County, Kentucky

Affiliations:

- Member of the Society for American Archeology, Southeastern Archeological

Conference, Society for Historical Archeology, Society for Industrial Archeology, Vernacular Architectural Forum

- National Grievance Coordinator of the Society of Professional Archeologists (1992-1995)
- Listed in the Register of Professional Archeologists (1997-present)
- Ethics Committee of the Register of Professional Archeologists
- President of the Southeastern Archeological Conference (1974-1976)
- Vice-President of the Southeastern Archeological Conference (1973-1974)

Selective Publications:

2006a Interpreting the Mississippian Hinterlands. *Southeastern Archaeology* 25(1):48-64.

2006b Conductivity Survey: A Survival Manual. In *Remote Sensing in Archaeology: An Explicitly North American Perspective*, edited by Jay K. Johnson, pp. 79-107.

2006c The Emergence of the Moundbuilders: A Review Article. *West Virginian Archaeologist* Spring and Fall, 31-43.

2005 Adena Rest in Peace? In *Woodland Period Systematics in the Middle Ohio Valley* edited by Darlene Applegate and Robert C. Mainfort, Jr., pp. 94-110, University of Alabama Press, Tuscaloosa.

2002 Deconstructing the Woodland Sequence from the Heartland. In *The Woodland Southeast* edited by D.G.Anderson and R.C.Mainfort. pp/ 162-184, University of Alabama.

2002 Forty Years of Kentucky Archaeology or Incidents of Recent Archaeological History in a Border State. In *Histories of Southeastern Archaeology* edited by s. Tushingham, J. Hill, and C.H.McNutt, pp. 161-171.

2001 Complementary Geophysical Survey Techniques: Why Two Ways are Always Better Than One. *Southeastern Archaeology* 20(1)31-43.

1998 The Essential Features of Adena Ritual and their Implications. *Southeastern Archeology* 17:1:1-21.

1997 The Mississippian Succession on the Lower Ohio. *Southeastern Archeology* 16:1:16-32.

1995 Site File Users of All Kinds. In: *Archeological Site File Management: A Southeastern Perspective*. 34-37, edited by David G. Anderson and Virginia Horak. Readings in Archeological Resource Protection Series No. 3, Interagency Archeological Services Division, Atlanta.

1994 *An Introduction to the Archeology of Civil War Battles in Kentucky*, for the Kentucky Heritage Council, 87 pp., Frankfort, Ky.

1992 Chiefs, Big Men, or What? Economy, Settlement Patterns and Their Bearing on Adena Political Models. In *Cultural Variability in Context: Woodland Settlements of the Mid-Ohio Valley*, edited by Mark Seeman. Special Paper No. 7. Midcontinental Journal of Archeology. Kent State University Press, Kent, Ohio.

1992 Prehistoric Peoples. In *The Kentucky Encyclopedia*, edited by John Kleber, pp. 734-736, University of Kentucky Press, Lexington. Proceedings of the 1984 Mid-South Archeological Conference, Pinson Mounds, Tennessee. Archeological Report No. 22. Mississippi Department of Archives and History, Jackson.

1991, *Excavations at the Andalex Village (15Hk22), Hopkins County, Kentucky*, (with Charles Niquette, Paul Kreisa, and Gary Crites). Cultural Resource Analysts. Contract Publication Series 91-103.

1988 Peter Village: An Adena Enclosure. In *Middle Woodland Settlement and Ceremonialism in the Mid-South and the Lower Mississippi Valley*, edited by Robert C. Mainfort, Jr., pp. 18-30. Proceedings of the 1984 Mid-South Archeological Conference, Pinson Mounds, Tennessee. Archeological Report No. 22. Mississippi Department of Archives and History, Jackson.

1979 A Mississippian Ceramic Sequence for Western Kentucky, *The Tennessee Anthropologist* 4:2:111-128.

1976 Tactics, Strategy, and Operations: The Mississippian System Responds to Its Environment, *Midcontinental Journal of Archeology* 1:2:137-162.

1963 *Ceramic Complexes of the Tennessee-Cumberland Region in Western Kentucky*, 344 pp., unpublished Master's Thesis, The University of Kentucky,

Additional Training:

- Section 106, NEPA & 4 (f) Workshop, 2000
"Section 106, NEPA and 4(f) in the New Regulatory Environment: A Workshop for Consultants and their Clients"(Dr. Lynne Sebastian, instructor)
- National Park Service training on remote sensing (40 hours), ArcView GIS (24 hrs); Adult CPR, First Aid and Bloodborne Pathogen.