

## PART III. PUBLIC EDUCATION

### EDUCATIONAL OUTREACH

Robert Moon

As set forth in the PMOA, and implemented through the DOE/SCIAA cooperative agreement, the SRARP continued to offer a variety of school programs, lectures, tours, archaeological displays, and special assistance for the public in FY08. We continued our efforts to foster cooperation with other educational organizations in the CSRA, such as the Silver Bluff Audubon Center and Sanctuary, through public outreach efforts with the staff of the Science Technology Enrichment Program. We also became a full member of the Environmental Science Education Cooperative (ESEC) in FY08.

Educational Outreach was down slightly from last year's total attendance, with the number of people involved in programs estimated at 1,800 this year. We noted a continuation of schools holding Science Days where many volunteers converge on a single day. The "You Be the Archaeologist" program held steady throughout the year with high attendance at both the Silver Bluff Audubon Center and the Ruth Patrick Science Education Center. Nearly 500 students from various schools in Georgia and South Carolina participated in the program.

The "Discovering Archaeology" program is another mainstay of the SRARP and is typically requested for school Science Days. This year, we presented "Discovering Archaeology" at Warrenville Elementary, North Augusta Elementary, and Mead Hall Elementary. Additionally, we adapted "Discovering Archaeology" for students at A. L. Corbett Middle School's Career Day. Along with the "Discovering Archaeology" program, we conducted the "Classroom Dig" program for multiple classes at Millbrook Elementary.

This year was especially big for setting up archaeological displays at area events. Once again, we were at Redcliffe Archaeology Day in September, Science Education Enrichment Day in October, and Pioneer Day in November. This past spring, we presented a display at the North Augusta Kids Earth Day and also during the Audubon Society's Carriage Ride at Silver Bluff.

Additionally, our website [www.srarp.org](http://www.srarp.org) continued with steady traffic throughout the year. In FY08, we had over 10,000 visitors to the website. The website continues to undergo upgrades and improvements with additional activity content for the SRARP.

### CINEMATIC OUTREACH

George Wingard

On Saturday, March 24, 2008, employees of the SRARP presented a display at the Regal Cinemas Augusta Exchange 20 in Augusta, Georgia on the opening weekend of *Indiana Jones and the Kingdom of the Crystal Skull*. Tammy Herron, Robert Moon, Megan Taylor, and George Wingard of the SRARP and Vivian McDiarmid of the

Augusta Archaeological Society displayed Native American artifacts and discussed the purpose and practice of archaeology with theater moviegoers. Nearly 250 people visited the booth, and all showed an enthusiastic interest in the archaeological process (Figure 59).

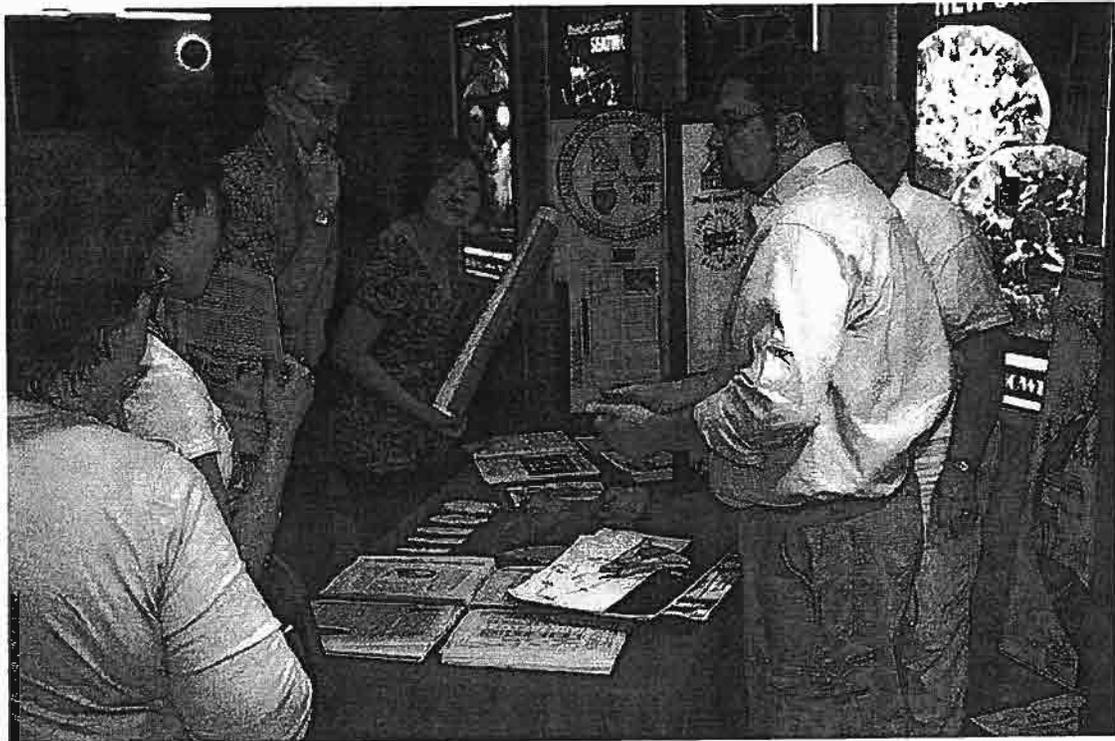


Figure 59. SRARP staff member George Wingard speaking to patrons of the Regal Cinemas Augusta Exchange 20 on the Premier Weekend of *Indiana Jones and the Kingdom of the Crystal Skull*.

This outreach opportunity presented itself with the movie premier in Augusta. With the main character being an archaeologist, the SRARP felt it would be the perfect timing for educational outreach on the importance of archaeology. Although the character of Indiana Jones is an archaeologist, the audience rarely sees any actual archaeology being conducted in the movie. Thus, the SRARP used this opportunity to merge two events, recreational movie-viewing and educational outreach, in an informal, relaxed, and fun setting.

Patrons of the theater were able to handle authentic artifacts, ask questions, and take home with them archaeology posters, flyers on upcoming archaeological events, and handouts about the Native American history of the local area. The daylong event was well worth the time and effort involved in presenting the display. Coordinating the display with the movie allowed people to enjoy the fantasy on the screen while learning for themselves the reality of saving important cultural resources.

## SRARP VOLUNTEER PROGRAM

Tammy F. Herron

The staff of the SRARP would like to acknowledge the hard work and diligence of the volunteers who support the program by giving of their time to aid in advancing the research conducted here at the SRARP. Over the course of the FY08, our volunteers have logged in 160.0 hours of work. Volunteers assist in a variety of tasks such as archaeological fieldwork, artifact processing and analysis, sediment analysis, data entry, document research, assisting with exhibits, xeroxing, and filing.

Longtime volunteer Jill Trefz Nazarete spent time in the lab this fiscal year washing and sorting artifacts recovered from previous excavations at site 38AK155. This prehistoric site was mitigated as a result of the proposed construction of the Surplus Plutonium Disposition Facilities (SPDF). Conducting primary analysis of the artifacts recovered from block excavations at the site has been Mrs. Nazarete's major task since February 2006. This fiscal year, she analyzed 350 artifacts excavated from 38AK155. Mrs. Nazarete also pulled the lithic artifacts from 38AK155 for secondary analysis and conducted sediment analysis from the site. Other tasks included data entry, placing artifacts pulled from various sites for secondary analysis back into storage, and photocopying artifact inventories, site files, etc. Mrs. Nazarete logged in a total of 146.0 hours of volunteer time over the course of the fiscal year. Erin Wingard and Vivian McDiarmid assisted with various displays exhibited throughout the year, including a safety conference sponsored by the Department of Energy that was held at the University of South Carolina – Aiken.

The mission of the public education program here at the SRARP is furthered through the active participation of our volunteers as we continuously strive to bridge the gap between archaeologists and the public. The contributions of our volunteers are indeed greatly appreciated, and much of the research that we carry out would not be possible without their help and support. Finally, with the addition of Christopher Moore to our staff as the coordinator of the SRARP heritage education program, the volunteer program will be expanding in FY09 with upcoming volunteer-assisted field excavations.

## REFERENCES CITED

Anderson, David G.

1994 *The Savannah River Chiefdoms: Political Change in the Late Prehistoric Southeast*. University of Alabama Press, Tuscaloosa.

Bond, G., W. Showers, M. Cheseby, R. Lotti, P. Almasi, P. deMenocal, P. Priore, H. Cullen, I. Hajdas, and G. Bonani

1997 A Pervasive Millennial-Scale Cycle in North Atlantic Holocene and Glacial Climates. *Science* 278:1257-1266.

Brooks, M. J., and B. E. Taylor

2003 Long-Term Geoarchaeological and Paleoenvironmental Research at Flamingo Bay. In *Annual Review of Cultural Resource Investigations by the Savannah River Archaeological Research Program: Fiscal Year 2003*, pp. 56-57. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

Brooks, M. J., and B. E. Taylor

2004 Geoarchaeological and Paleoenvironmental Research in FY04. In *Annual Review of Cultural Resource Investigations by the Savannah River Archaeological Research Program: Fiscal Year 2004*, pp. 51-53. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

Brooks, M. J., and B. E. Taylor

2005 Geoarchaeological and Paleoenvironmental Research in FY05. In *Annual Review of Cultural Resource Investigations by the Savannah River Archaeological Research Program: Fiscal Year 2004*, pp. 42-44. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

Brooks, M. J., and B. E. Taylor

2006 Geoarchaeological and Paleoenvironmental Research in FY06. In *Annual Review of Cultural Resource Investigations by the Savannah River Archaeological Research Program: Fiscal Year 2004*, pp. 35-38. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

Brooks, M. J., and B. E. Taylor

2007 Geoarchaeological and Paleoenvironmental Research in FY07. In *Annual Review of Cultural Resource Investigations by the Savannah River Archaeological Research Program: Fiscal Year 2004*, pp. 40-44. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

Brooks, M. J., B. E. Taylor, and C. O. Clement

2005 Depositional Processes at 38RD628. In *Data Recovery at 38RD628, Ft. Jackson, South Carolina*, by C. O. Clement, R. M. Grunden, and A. C. Joyce, pp. 203-218 (Appendix 2). Report prepared for the South Carolina Army National Guard, Eastover, SC. Applied Research Division, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

Brooks, M. J., B. E. Taylor, and J. A. Grant

1996 Carolina Bay Geoarchaeology and Holocene Landscape Evolution on the Upper Coastal Plain of South Carolina. *Geoarchaeology* 11:481-504.

Brooks, M. J., B. E. Taylor, P. A. Stone, and L. R. Gardner

2001 Pleistocene Encroachment of the Wateree River Sand Sheet into Big Bay on the Middle Coastal Plain of South Carolina. *Southeastern Geology* 40:241-257.

Brooks, R. D. and T. R. Forehand

2002 *Current State of the USDOE Savannah River Archaeological Curation Facility in Relation to 36 CFR Part 79*. Technical Report Series Number 25. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

Cabak, M. A., and M. M. Inkrot

1997 Old Farm, New Farm: An Archaeology of Rural Modernization in the Aiken Plateau, 1875-1950. *Savannah River Archaeological Research Papers* 9. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

Cabak, M. A., K. E. Sassaman, and J. C. Gillam

1996 Distributional Archaeology in the Aiken Plateau: Intensive Survey of E Area, Savannah River Site, Aiken County, South Carolina. *Savannah River Archaeological Research Papers* 8. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

Department of Energy (DOE)

1994 Savannah River Archaeological Research Program Appraisal. Report Number 94-E&LPD-EPB-001.

Eberhard, K., K. E. Sassaman, and M. J. Brooks

1994 Crosby Bay (38AK682): Paleoindian and Early Archaic Occupations at a Carolina Bay in Aiken County, South Carolina. *South Carolina Antiquities* 26:33-46.

Feathers, J. K., V. T. Holliday, and D. J. Meltzer

2006 Luminescence Dating of Sand Deposits Related to late Pleistocene Human Occupation at the Cactus Hill Site, Virginia, USA. *Quaternary Geochronology* 1:167-187.

Leigh, D. S.

2006 Terminal Pleistocene Braided to Meandering Transition in Rivers of the Southeastern USA. *Catena* 66:155-160.

Leigh, D. S.

2008 Late Quaternary Climates and River Channels of the Atlantic Coastal Plain, Southeastern USA. *Geomorphology* (article in press).

Savannah River Archaeological Research Program (SRARP)

1989 *Archaeological Resource Management Plan of the Savannah River Archaeological Research Program*. Submitted to the Savannah River Operations Office, U.S. Department of Energy. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

1990 *Annual Review of Cultural Resource Investigations by the Savannah River Archaeological Research Program: Fiscal Year 1990*. Submitted to the Savannah River Operations Office, U.S. Department of Energy. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

2000 *Annual Review of Cultural Resource Investigations by the Savannah River Archaeological Research Program: Fiscal Year 2000*. Submitted to the Savannah River Operations Office, U.S. Department of Energy. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

2001 *Annual Review of Cultural Resource Investigations by the Savannah River Archaeological Research Program: Fiscal Year 2001*. Submitted to the Savannah River Operations Office, U.S. Department of Energy. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

2007 *Annual Review of Cultural Resource Investigations by the Savannah River Archaeological Research Program: Fiscal Year 2007*. Submitted to the Savannah River Operations Office, U.S. Department of Energy. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

Taylor, B. E., M. J. Brooks, and C. O. Clement

2003 Paleoenvironmental Research at Ft. Jackson. In *Annual Review of Cultural Resource Investigations by the Savannah River Archaeological Research Program: Fiscal Year 2003*, pp. 50-56. Savannah River Archaeological Research Program, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.

**APPENDIX: PUBLICATIONS AND ACTIVITIES****PUBLISHED PAPERS**

Gillam, J. Christopher

2008 Prospectus on Archaeological Geographic Information System (GIS) Applications and Modeling in the Japanese Sea Basin. In *Neolithic and Neolithisation in the Japanese Sea Basin: Individual and the Historical Landscape*, Far East National University, Vladivostok. Pp. 57-63.

Gillam, J. Christopher, David G. Anderson, and A. Townsend Peterson

2007 A Continental-scale Perspective on the Peopling of the Americas: Modeling Geographic Distributions and Ecological Niches of Pleistocene Populations. *Current Research in the Pleistocene* 24:86-90.

**TECHNICAL REPORTS**

Smith, Steven D., James B. Legg, Mark J. Brooks, and Tamara S. Wilson

2008 Archaeological Investigations on Little Folly Island, Charleston County, South Carolina. Report submitted to the American Battlefield Protection Program, National Park Service, Department of Interior, Washington, DC, June 2008. Grant #: GA2255-05-010.

**PROFESSIONAL PAPERS AND POSTERS**

Anderson, David G., J. Christopher Gillam, D. Shane Miller, and Erik Johanson

2007 Paleoindian Research in the Southeast: Examples Using PIDBA (Paleoindian Database of the Americas). Paper presented at the 64th Annual Meeting of the Southeastern Archaeological Conference, Knoxville, TN.

Anderson, David G., J. Christopher Gillam, D. Shane Miller, and Stephen J. Yerka

2008 Compiling Midwestern Paleoindian Artifact Data: Lessons from PIDBA (Paleoindian Database of the Americas). Paper presented at the Great Lakes Paleoindian Workshop, "Early Paleoindian Colonization of the North American Midcontinent," University of Illinois at Urbana-Champaign, IL.

Gillam, J. Christopher

2008 Modeling Cultural Landscapes: Examples from East Asia and the Americas. Invited paper for the panel titled "Prehistoric Landscape Shifts in the East Asian Inland Seas" at the 4th worldwide conference of the Society for East Asian Archaeology, Beijing, China.

2008 How Paleoindians Settled the New World. Invited paper for the Distinguished Scholar Lectureship Series, Winthrop University, Rock Hill, SC.

2008 Prospectus on Archaeological Geographic Information System (GIS) Applications in the Japanese Sea Basin. Invited paper for the International Archaeological Conference, "Neolithic and Neolithisation in the Japanese Sea Basin," in honor of the 100th birthday of academician Alexei P. Okladnikov, Far Eastern National University, Vladivostok, Russia.

2007 Pleistocene Crossroad of the Western Hemisphere: The Isthmus of Tehuantepec and Mesoamerica's Role in the Peopling of the Americas. Third annual Southeast Conference on Mesoamerican Archaeology and Ethnohistory, Columbia, SC.

2007 Shedding New Light on the Ice Age Peopling of the Americas. Invited paper for the South Carolina Archaeology Month Lecture Series of the USDA Forest Service and U.S. Fish and Wildlife's Seewee Visitor and Environmental Education Center, Francis Marion National Forest, Awendaw, SC.

Gillam, J. Christopher, and David G. Anderson

2008 Ecological Niche Modeling with PIDBA and FEAD. Invited paper presented in forum titled "Modeling Paleoindian Sites and Assemblages: PIDBA (Paleoindian Database of the Americas) and Other Approaches" at the 73rd Annual Meeting of the Society for American Archaeology, Vancouver, BC.

Gillam, J. Christopher, and Rafael Suárez

2007 The Pleistocene-Holocene Transition in Uruguay. Paper presented at the 73rd Annual Meeting of the Society for American Archaeology, Vancouver, BC.

King, Adam

2007 Cult Bringers, Copper Plates, Twins, and Etowah. Paper presented at the 64th Annual Meeting of the Southeastern Archaeological Conference, Knoxville, TN.

2008 Cult Bringers, Copper Plates, Twins, and Etowah. Paper presented at the 4th Annual Southeast Indian Studies Conference, University of North Carolina at Pembroke, NC.

2008 Copper Styles of Etowah. Paper presented at the Texas State Mississippian Iconography Workshop, San Marcos, TX.

King, Adam, and F. Kent Rielly, III

2007 Cult Bearers and Sacred Bundles: The Imagery of Ritual in Mississippian Art. Paper presented at the 64th Annual Meeting of the Southeastern Archaeological Conference, Knoxville, TN.

McKinnon, Duncan P., Chester P. Walker, and Adam King

2007 Archaeo-Geophysics and Etowah Indian Mounds State Park: Results 2007 Field Season. Paper presented at the 64th Annual Meeting of the Southeastern Archaeological Conference, Knoxville, TN.

Moon, Robert, and Anne Bohnet

2007 Pioneer Kids Camp: Combining Archaeology and Ecology to Teach About Conservation. Poster presented at the 64th Annual Meeting of the Southeastern Archaeological Conference, Knoxville, TN.

Moore, Christopher, Randolph Daniel, Jr., Keith Seramur, David Mallinson, and Michael O'Driscoll

2008 Geoarchaeological Investigations of Stratified Holocene Aeolian Deposits along the Tar River in North Carolina. Poster presented at the 57th Annual Meeting of the Geological Society of America, Charlotte, NC.

Reilly, F. Kent, III, and Adam King

2007 Crafting the Sacred: Mississippian "Talleres" and the Acquisition of Esoteric Knowledge. Paper presented at the 64th Annual Meeting of the Southeastern Archaeological Conference, Knoxville, TN.

Smith, Karen Y., and Keith Stephenson

2008 Analysis of the Ceramic Cache from the 1972 Shelly Mound Excavations, Pulaski County, Georgia. Paper presented at the Annual Conference on Georgia Coastal Plain Archaeology, Douglas, GA.

Stephenson, Keith, and Karen Y. Smith

2008 Middle Swift Creek/Weeden Island I Ceremonialism in the Interior Coastal Plain of Georgia. Poster presented at the 73rd Annual Meeting of the Society for American Archaeology, Vancouver, BC.

Walker, Chester P., Adam King, Duncan P. McKinnon, Christopher Thornock

2008 Archaeogeophysics at Etowah Indian Mounds State Park. Poster presented at the 73rd Annual Meeting of the Society for American Archaeology, Vancouver, BC.

#### CONTRIBUTIONS TO CURRENT RESEARCH

Gillam, J. Christopher, and Rafael Suárez

2008 Fieldnotes from the Pampas: Update on the Uruguay Paleoindian Survey. *Legacy* 12(1):16-17.

Iriarte, José, J. Christopher Gillam, and Oscar Marozzi

2007 Archaeology of the Late Holocene Taquara/Itararé Culture in Argentina. *Legacy* 11(3):16-17.

#### BOOK REVIEWS

King, Adam

2008 *Chieftoms and Other Archaeological Delusions* by Timothy R. Pauketat. *American Antiquity* 73(2):378-379.

## REVIEWS OF MANUSCRIPTS

King, Adam

Grant review for the National Geographic Society.

Manuscript review for Southeastern Archaeology.

Manuscript review for the University Press of Florida.

## CONFERENCES/SYMPOSIA ORGANIZED

King, Adam, and F. Kent Reilly, III

2007 Cult Bearers and Sacred Bundles: The Imagery of Ritual in Mississippian Art. Organized for the 64th Annual Meeting of the Southeastern Archaeological Conference, Knoxville, TN.

## CONFERENCE DISCUSSANT

Gillam, J. Christopher

2008 Discussant for panel titled "Prehistoric Landscape Shifts in the East Asian Inland Seas" at the 4th worldwide conference of the Society for East Asian Archaeology, Beijing, China.

2008 Discussant for forum titled "Modeling Paleoindian Sites and Assemblages: PIDBA (Paleoindian Database of the Americas) and Other Approaches" at the 73rd Annual Meeting of the Society for American Archaeology, Vancouver, BC.

## PROFESSIONAL ORGANIZATION SERVICE

Gillam, J. Christopher

Organizer. Visiting scholar, Dr. Andrei V. Tabarev, from the Institute of Archaeology and Ethnography, Novosibirsk, Russia; academic and public guest lectures at USC; introduction to southeastern archaeology with excursions to Topper, Seewee, and Town Creek sites; collections viewing at SCIAA-USC, Charleston Museum, and Schiele Museum; research plans and grant-writing for the FEAD and NEOMAP collaborative research projects.

## OFFICES AND APPOINTMENTS HELD

Brooks, Mark J.

Director, Savannah River Archaeological Research Program.

Associate Director and Division Head, South Carolina Institute of Archaeology and Anthropology.

Member, Senior Advisory Council, South Carolina Institute of Archaeology and Anthropology.

Member, Ethics Committee, South Carolina Institute of Archaeology and Anthropology.

Member, Grants and Contracts Committee, South Carolina Institute of Archaeology and Anthropology.

Member, Building Committee for the new SCIAA building.

Gillam, J. Christopher

Research Member, international research project, Neolithisation and Modernisation (NEOMAP) of the East Asian Inland Seas, with Junzo Uchiyama, NEOMAP Director, and others at the Research Institute for Humanity and Nature (RIHN), Kyoto, Japan.

Research Member, joint Japanese-Russian project, Neolithisation and Modernisation of Peter the Great Bay (Primorye/Russian Far East), with Alexander Popov, Project Director, and others at the Far Eastern National University, Vladivostok, Russia, and the Research Institute for Humanity and Nature (RIHN), Kyoto, Japan.

Principle Investigator, Uruguay Paleoindian Survey (UPS) project with Rafael Suárez, Museo de Historia Natural y Antropología, División Antropología, Montevideo, Uruguay, and Oscar Marozzi, SAR, Servicios Arqueológicos, Montevideo, Uruguay.

Co-Principle Investigator for research on the socio-political and environmental context of Taquara/Itarare Culture in Misiones Province, Argentina, with José Iriarte, Primary Investigator, University of Exeter, United Kingdom, and Oscar Marozzi, SAR, Servicios Arqueológicos, Montevideo, Uruguay.

Project Co-Director and GIS Manager, Paleoindian Database of the Americas (PIDBA), with David G. Anderson, Project Director, and others at the University of Tennessee, Knoxville.

GIS and SC Paleo-Point Database Manager, Southeastern Paleoamerican Survey, with Albert C. Goodyear, Director, and others at the S.C. Institute of Archaeology and Anthropology, College of Arts and Sciences, University of South Carolina, Columbia.

Project Director, Far East Archaeological Database (FEAD) international research project with Andrei V. Tabarev, (Institute of Archaeology and Ethnography, Novosibirsk, Russia), Masami Izuho (Sapporo Buried Cultural Property Center, Japan), Yuichi Nakazawa (TRC, Albuquerque, New Mexico), Chen Qianjia (Research Center for the Frontier Archaeology, Jilin University, Changchun, China), Batmunkh Tsogtbaatar (Archaeological Institute of the Mongolian Academy of Sciences, Ulaanbaatar, Mongolia), and Yongwook Yoo (Centre for Korean Studies, University of California, Los Angeles).

President, Midlands Chapter of the Archaeological Society of South Carolina, Columbia.

Archivist, Council of South Carolina Professional Archaeologists.

Research Associate, Walker Institute of International and Area Studies, University of South Carolina.

Research Affiliate, Center for Asian Studies, University of South Carolina.

Research Affiliate, Latin American Studies Program, University of South Carolina.

Research Affiliate, Russian and Eurasian Studies Program, University of South Carolina.

Voting Member, E&GIS Data Trustee Committee, SRS, Aiken, SC.

Chair, Database Integration Committee, Savannah River Archaeological Research Program, SCIAA-USC.

Herron, Tammy F.

Board Member, Society for Georgia Archaeology.

Board Member and Secretary, Beech Island Historical Society.

Member, Beech Island Heritage Corridor Committee.

Sub-Committee Member, Aiken County Heritage Corridor.

Archaeobus Committee Member, Society for Georgia Archaeology

King, Adam

Vice President, Council of South Carolina Professional Archaeologists.

Editorial Board for the SCIAA *Legacy*.

Moon, Robert

Chairman, Augusta-Richmond County Historic Preservation Commission.

Newsletter Editor, Southeastern Archaeology Conference.

Webmaster, Southeastern Archaeology Conference.

Webmaster, Council of South Carolina Professional Archaeologists.

Member of the Board of Directors, Historic Augusta.

Stephenson, Keith

Treasurer (through 2007), Southeastern Archaeological Conference.

Treasurer, Council of South Carolina Professional Archaeologists.

Chair, Graduate Student Grant-in-Aid Program, Archaeological Society of South Carolina.

#### CONSULTING

Brooks, Mark J.

Geoarchaeological and paleoenvironmental consultant to Terry Madewell, Natural/Cultural Resource Manager at Shaw Air Force Base, for on-going investigations at Big Bay and the Wateree River sand sheet on the Poinsett Electronic Combat Range, Sumter County, SC.

Geoarchaeological and paleoenvironmental consultant to Christopher Ohm Clement, South Carolina Institute of Archaeology and Anthropology, for on-going archaeological investigations at Sandy Island, Georgetown County, and Ft. Jackson, Richland County, SC.

Geoarchaeological and paleoenvironmental consultant to Christopher Moore and Randy Daniel at East Carolina University for on-going investigations of archaeological sites on the Tar River, NC, formed in conjunction with eolian processes.

Geoarchaeological consultant (Sept. 13, 2007) to Natalie Adams, New South Associates, regarding patterns of erosion and deposition on the SE sand rim of Big Bay in Sumter County, SC.

Geoarchaeological consultant (Oct. 17, 2007) to Adam King (SCIAA-SRARP) for a proposal to the Congaree River National Park for developing a predictive model of archaeological site location.

Geoarchaeological consultant (Nov. 9, 2007) to Chad Long (SCDOT) for reviewing the Data Recovery report for Mathis Lake, a Carolina bay in NW Aiken County, SC.

Geoarchaeological consultant (Dec. 5, 2007) to Chuck Cantley (SCSHPO), for reviewing a Data Recovery Plan for 38LX531, a deeply buried, stratified site on the Saluda River in Lexington County, SC.

Geoarchaeological and archaeological consultant (Dec. 17, 2007) to Darby Stapp, Pacific Northwest Labs, Hanford, Department of Energy, for a Plant Vogtle Environmental Impact Statement needing justification and references for block

excavations and point plotting when dealing with low artifact density, hunter-gatherer sites. Plant Vogtle is across the Savannah River from the SRS in Georgia.

Geoarchaeological consultant (Jan. 10, 2008) to Jared Wood, Ph.D. student at the University of Georgia, regarding the Savannah River fluvial system relative to site formation processes and Mississippian period paleoecology.

Geoarchaeological consultant (May 6, 2008) to Rebecca Sharitz, Charlie Davis, David Scott, and Julian Singer, Savannah River Ecology Lab, for an EPA grant to "restore" the hydrology at SRS Bays 66 and 67. Provided GPR and archaeological data relevant to interpreting past hydrology.

Gillam, J. Christopher

There were numerous consultations during the year on prehistoric archaeology, GIS, GPS, and computer-related equipment and software for the divisions of SCIAA, Columbia.

Herron, Tammy F.

Archaeological Consultant, Augusta Museum of History, Augusta, GA.

Archaeological Consultant, Beech Island Historical Society, Beech Island, SC.

Archaeological Consultant, Silver Bluff Audubon Center & Sanctuary, Jackson, SC.

Archaeological Consultant, Redcliffe State Historic Site, Beech Island, SC.

Archaeological Consultant, Oakley Park Museum, Edgefield, SC.

Moore, Christopher R.

Geoarchaeological consultant along with Keith Seramur of Appalachian State University and Paul Hanson of the University of Nebraska-Lincoln (May to present, 2008) to the First Colony Foundation at Fort Raleigh National Historic Site on Roanoke Island, North Carolina. Soil samples for grain size analysis and luminescence (OSL) samples were collected for lab analyses to characterize site geomorphology and formation processes.

Wingard, George

Consultant to Mark Albertin of Scrapbook Productions for a video production about the former towns of the SRS.

Worked with John Brecht of the SRS Film Department on the Heath Family site tour for purposes of a human-interest story for the SRS monthly safety video.

Worked with Barnwell County Administrator Pickens Williams in obtaining SRS land plat records for tax purposes.

SRARP representative on the Savannah River Heritage Foundation Committee to create a trail in the former town of Ellenton.

Provided documentation to Marian Barnwell on a possible relative buried on the SRS.

#### GRANTS AND CONTRACTS

Brooks, Mark J.

2008 Cultural Resources Management on the U.S. Department of Energy's Savannah River Site, Aiken and Barnwell Counties, South Carolina. U.S. Department of Energy, Savannah River Operations Office.

Gillam, J. Christopher

2008 Walker Institute of International and Area Studies (WIIAS) grant for, *Chronology, Technology, and Ecology of Paleoindian Cultures: Cross-Cultural Comparison of Northern and Southern Atlantic Latitudes (South Carolina and Uruguay)*. (\$1,500)

2007 R. L. Stephenson Archaeological Research Fund grant for, *Chronology, Technology, and Ecology of Paleoindian Cultures: Cross-Cultural Comparison of Northern and Southern Atlantic Latitudes (South Carolina and Uruguay)*, with Rafael Suárez (Museo de Historia Natural y Antropología, División Antropología, Montevideo, Uruguay), and Tommy Charles (SCIAA-USC). (\$4,000)

#### ACADEMICS

Brooks, Mark J.

Ph.D. dissertation committee: Christopher R. Moore, Coastal Resources Management Program, East Carolina University, Greenville, NC.

M.A. thesis committee: David Rigtrup, Department of Anthropology, University of South Carolina, Columbia, SC.

King, Adam

M.A. thesis committee chair: Christopher Thornock, Department of Anthropology, University of South Carolina, Columbia, SC.

M.A. thesis committee chair: Dwight Jones, Department of Anthropology, University of South Carolina, Columbia, SC.

M.A. thesis committee member: Johann Sawyer, Department of Anthropology, Texas State University at San Marcos, TX.

M.A. thesis committee member: Mark Barnett, Department of Anthropology, Texas State University at San Marcos, TX.

Fall Semester 2007 – Instructor, Department of Anthropology, University of South Carolina, ANTH 102 (Understanding Other Cultures).

Spring Semester 2008 – Instructor, Department of Anthropology, University of South Carolina, ANTH 102 (Understanding Other Cultures) and ANTH 317 (Native American Cultures of North America).

Moon, Robert

Fall Semester 2007 – Adjunct Instructor, Department of History, Anthropology, and Philosophy, Augusta State University, ANTH 1102 (Introduction to Anthropology) and ANTH 2011 (Cultural Anthropology).

Spring Semester 2008 – Adjunct Instructor, Department of History, Anthropology, and Philosophy, Augusta State University, ANTH 1102 (Introduction to Anthropology) and ANTH 2011 (Cultural Anthropology).

Moore, Christopher R.

M.A. thesis committee: Paulette McFadden, Department of Anthropology, East Carolina University, Greenville, NC.

#### PUBLIC SERVICE ACTIVITIES

*August 2007*

Wingard, George

Display at the Department of Energy Cultural Diversity Day held on the SRS.

*September 2007*

Gillam, J. Christopher

Invited speaker for the South Carolina Archaeology Month Lecture Series of the USDA Forest Service and U.S. Fish and Wildlife's, Seewee Visitor and Environmental Education Center, Francis Marion National Forest, Awendaw, SC.

Hosted the Midlands ASSC monthly meeting at SCIAA-USC.

Hughes, Geoff

Discovering Archaeology program for 5th grade students at Mead Hall Elementary.

You Be the Archaeologist program for 4th grade students from Greenbrier Elementary.

You Be the Archaeologist program for 4th grade students from Wheelless Road Elementary.

You Be the Archaeologist program for 4th grade students from Augusta Prep.

You Be the Archaeologist program for 4th grade students from Episcopal Day School.

You Be the Archaeologist program for home-schooled students.

Hughes, Geoff and Robert Moon

Display for Redcliffe Archaeology Day, Beech Island, SC.

You Be the Archaeologist program for 5th grade students from A. B. Merry Elementary.

Wingard, George

Tour of the former town of Ellenton for Jin Iwert of the Savannah River Heritage Foundation.

*October 2007*

Gillam, J. Christopher

Organizer for visiting scholar, Dr. Andrei V. Tabarev, from the Institute of Archaeology and Ethnography, Novosibirsk, Russia; academic and public guest lectures at USC; introduction to southeastern archaeology with excursions to Topper, Seewee, and Town Creek sites; collections viewing at SCIAA-USC, Charleston Museum, and Schiele Museum.

Hosted the Midlands ASSC monthly meeting at SCIAA-USC.

Herron, Tammy F.

Organized an archaeological exhibit displayed at CoastFest, sponsored by the Georgia Department of Natural Resources Coastal Resources Division, Brunswick, GA.

Organized an archaeological exhibit displayed at Fall Field Day, sponsored by the Archaeological Society of South Carolina, Historic Brattonsville, McConnells, SC.

Hughes, Geoff

You Be the Archaeologist program for 4th grade students from East Aiken Elementary.

You Be the Archaeologist program for 5th grade students from A. B. Merry Elementary.

Hughes, Geoff and Robert Moon

Display for the Science Education Enrichment Day at the Ruth Patrick Science Education Center, USC-Aiken.

*November 2007*

Gillam, J. Christopher

Hosted the Midlands ASSC monthly meeting at SCIAA-USC.

Hughes, Geoff

You Be the Archaeologist program for 4th graders from Augusta Prep.

Display at Pioneer Day in Lincolnton, Georgia.

*December 2007*

Gillam, J. Christopher

Hosted the Midlands ASSC monthly meeting at SCIAA-USC.

Herron, Tammy F.

Lecture regarding Oakley Park Museum presented to the Brigadier General Barnard E. Bee Camp #1575, Sons of Confederate Veterans, Aiken, SC.

Wingard, George

Tour of the former town of Ellenton for members of the Savannah River Heritage Foundation.

*January 2008*

Hughes, Geoff

You Be the Archaeologist program for 4th and 5th grade students from South Aiken Baptist.

You Be the Archaeologist program for 3rd and 4th grade students from Midland Valley.

Wingard, George

Tour of the town of Dunbarton for former residents.

*February 2008*

Hughes, Geoff

Classroom Dig program for 5th grade students at Millbrook Elementary.

Discovering Archaeology program for K-5 students at Warrentonville Elementary.

Wingard, George

Tour of Ellenton for former residents of Ellenton and members of the Savannah River Heritage Foundation.

*March 2008*

Hughes, Geoff

Display at the Silver Bluff Audubon Center Trail Ride, Jackson, SC.

Lecture to students at the 2008 Career Quest at Aiken Tech, Aiken, SC.

You Be the Archaeologist program for 3rd and 5th graders from Merriwether Elementary.

Discovering Archaeology program for 3rd grade students at North Augusta Elementary.

Discovering Archaeology program for 6th grade students at A. I. Corbett Middle School.

You Be the Archaeologist program for 3rd grade students from Greendale Elementary.

Stephenson, Keith

Lecture titled, "Hopewell and the South Appalachian Woodland Period," presented to students in the Archaeology of North America course, Dee Dee Joyce, instructor, College of Charleston, Charleston, SC.

Wingard, George

Tour of Pleasant Hill and Woodward Cemeteries for members of the Baxter family of Williston, SC.

*April 2008*

Gillam, J. Christopher

Invited speaker for the Distinguished Scholar Lectureship Series, Winthrop University, Rock Hill, SC.

Herron, Tammy F.

Led tours of the Silver Bluff Audubon Center & Sanctuary's Education Building—including presenting the history associated with Silver Bluff and displaying archaeological exhibits—during the Beech Island Tour of Homes and Historic Sites sponsored by the Beech Island Historical Society, Jackson, SC.

Organized an archaeological exhibit displayed at Georgia On My Mind Day, sponsored by the Georgia Department of Transportation, Georgia Visitor Information Center - Sylvania, GA.

Hughes, Geoff

You Be the Archaeologist program for home-schooled students.

Moon, Robert

Display at the North Augusta Kids Earth Day event in North Augusta, SC.

You Be the Archaeologist program for 5th graders from Redcliffe Elementary.

Wingard, George

Tour for George Lewis Heath of his former homesite on the SRS.

*May 2008*

King, Adam

Populating the Mississippian Cosmos. Presented at the University of South Carolina at Lancaster Native American Studies Week, Lancaster, SC.

Wingard, George

Display presented at the Dunbarton Town Reunion held at Barnwell State Park.

Tour for the George Lewis Heath family of their former homesite on the SRS.

Wingard, George, Tammy Herron, Robert Moon, and Megan Taylor

Archaeological display at the Regal Cinemas Augusta Exchange 20 for the opening weekend of *Indiana Jones and the Kingdom of the Crystal Skull*.

*June 2008*

King, Adam

Remote Sensing at Etowah. Presented at the Discover Etowah Day, Etowah Indian Mounds State Park, Cartersville, GA.

Herron, Tammy F. and Rob Moon

Participated in Artifact Identification Day sponsored by the Augusta Archaeological Society, Ezekial Harris House, Augusta, GA.

Wingard, George

Display presented at the Ellenton Town Reunion held at Silverbluff High School, Jackson, SC.

*July 2008*

Moore, Christopher R.

Educational display and promotion of Georgia archaeology at the Georgia Welcome Center.

Wingard, George

Presentation to the Dunbar Family at their annual reunion held at the Odell Weeks Center in Aiken, SC.

*August 2008*

Moon, Robert

Lecture titled "Archaeology of the SRS" presented to the Augusta Genealogical Society, Augusta, GA.

Moore, Christopher R.

Lecture titled "Geoarchaeological Investigations of Stratified Archaic and Woodland Sites along the Tar River in North Carolina" presented to the Augusta Archaeological Society, Augusta, GA.

Lecture titled "General Overview of Archaeology in the American Southeast" presented to the Augusta Genealogical Society, Augusta, GA.

**ANNUAL REVIEW OF  
CULTURAL RESOURCE INVESTIGATIONS BY  
THE SAVANNAH RIVER ARCHAEOLOGICAL  
RESEARCH PROGRAM**

**FISCAL YEAR 2008**

Prepared by  
the staff of the

**SAVANNAH RIVER  
ARCHAEOLOGICAL RESEARCH PROGRAM**

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**SAVANNAH RIVER ARCHAEOLOGICAL RESEARCH PROGRAM  
SOUTH CAROLINA INSTITUTE OF ARCHAEOLOGY AND ANTHROPOLOGY  
UNIVERSITY OF SOUTH CAROLINA**

October 2008

## SAVANNAH RIVER ARCHAEOLOGICAL RESEARCH PROGRAM

### Staff

Mark J. Brooks	Director/Geoarchaeologist
Tammy F. Herron	Curator of Artifact Collections
J. Christopher Gillam	GIS Specialist/Archaeologist
Adam King	Special Projects Archaeologist
Robert Moon	Field Director of CRM Survey
Christopher R. Moore	Curator of Public Outreach
Keith Stephenson	Coordinator of CRM Survey
George L. Wingard	Administrative Assistant
Maggie Needham	Field/Laboratory Technician
Megan Taylor	Field/Laboratory Technician
Michal Wigal	Field/Laboratory Technician
Geoffrey Hughes*	Curator of Public Outreach
Christopher Thornock*	Field/Laboratory Technician
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### Research Affiliates

Barbara E. Taylor	SC-DNR, Freshwater Fisheries Research Laboratory
Kenneth E. Sassaman	Department of Anthropology, University of Florida
Mark D. Groover	Department of Anthropology, Ball State University
Melanie Cabak	Historical Archaeologist

### Volunteers

Jill Trefz Nazarete	Laboratory Assistant
Erin Wingard	Outreach Assistant

### Graduate Research Assistants, University of South Carolina, Columbia

Christopher Thornock	Department of Anthropology, University of South Carolina
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\*No longer employed by the SRARP.

## MANAGEMENT SUMMARY

The United States Department of Energy-Savannah River Operations Office (DOE) Policy 141.1, *DOE Management of Cultural Resources*, identifies 24 major laws, regulations, executive orders, and guidance that apply to cultural resources management (CRM). Cultural resources include archaeological sites and artifacts, historical structures, and natural resources and sacred objects of importance to American Indians. DOE management responsibilities include identification, evaluation, and protection of archaeological/historical sites, artifact curation, and other mitigation measures.

The Savannah River Archaeological Research Program (SRARP) continued through Fiscal Year 2008 (FY08) with DOE to fulfill a threefold mission of CRM, research, and public education at the Savannah River Site (SRS). This report covers the CRM compliance, research, and outreach activities conducted by the SRARP from August 2007 through August 2008. However, due to DOE security concerns, parts of this report do not contain material (exact project area size, map scales, etc.) typically contained in standard archaeological documents.

In FY08, 1,664 acres of land on the SRS were investigated with 2,823 Shovel Test Pits (STPs) for CRM. This activity entailed 32 field reconnaissance or testing surveys, along with the recording of 25 new sites. Nine previously recorded sites were revisited during FY08, and the site file records were updated. Geographical Information System (GIS) and Global Positioning System (GPS) technology was incorporated into all compliance projects to aid in maintaining and processing survey and site location information. In addition, SRARP staff continued support to DOE Cold War Cultural Resources Management Plan (CRMP) efforts through participation on DOE's Artifact Selection Team and at Heritage Tourism Board meetings.

Research conducted by SRARP personnel was reported in three professional articles and reports published during FY08. The SRARP staff presented research results in 19 papers and posters at professional conferences. SRARP archaeological research included 10 field survey and excavation programs. Three grants were acquired to support both on- and off-site research, and employees served as consultants on 22 projects in off-site CRM and research activities. The SRARP staff held 36 offices and appointments to committees in various educational, avocational, and professional organizations.

In the area of heritage education, the SRARP continued its activities in FY08 with a full schedule of classroom education, public outreach, and on-site tours. Fifty-eight presentations, displays, and tours were provided for schools, civic groups, and environmental and historical awareness day celebrations. Additionally, the SRARP staff chaired or served on seven thesis or dissertation committees, as well as taught six anthropology courses at Augusta State University and the University of South Carolina, Columbia.

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## INTRODUCTION

Since 1990, Savannah River Site (SRS) CRM compliance has been based on a programmatic memorandum of agreement (PMOA) among the Department of Energy (DOE), the South Carolina State Historic Preservation Office (SCSHPO), and the Advisory Council on Historic Preservation (ACHP). Through this PMOA, DOE commits to conduct an integrated CRM program at SRS that features research, public outreach, and compliance components. In return, the SCSHPO waves most DOE project-by-project compliance requirements that fall under Section 106 of the National Historic Preservation Act (NHPA) in favor of one annual compliance report. The PMOA also serves to meet general DOE regulatory responsibilities under Section 110 of the NHPA, Archaeological Resources Protection Act (ARPA), Native American Graves Protection and Repatriation Act (NAGPRA), and other CRM laws and regulations.

SRARP provides DOE with the technical expertise to help DOE meet its PMOA commitments. The specific elements of the SRARP compliance, research, and outreach effort are identified within a cooperative agreement between DOE and the South Carolina Institute of Archaeology and Anthropology (SCIAA), at the University of South Carolina. The cooperative agreement also allows for compliance work to be performed using an SRS-specific archaeological testing model that reduces compliance costs. The result has been quicker, more cost efficient CRM reviews of individual SRS projects.

The following section (Part I) regarding CRM contains the results of the FY08 surveys, in addition to updates on other compliance related activities. According to the PMOA (SRARP 1989:185), annual survey results are provided in summary and tabular form in this report. Detailed information regarding artifact assemblage and environmental data for new and previously recorded sites located during FY08 is available upon request from the SRARP.

Research activities of the SRARP are summarized in Part II and include prehistoric, historic, and geoarchaeologic studies conducted on the SRS and in the surrounding region. An extra-local perspective is necessary for understanding the effects of regional processes on local conditions and, hence, enables the more effective management of the cultural resources on the SRS.

Public education activities of the SRARP are summarized in Part III, which highlights the heritage education program, volunteer excavations, and involvement with avocational archaeological groups. An Appendix at the end of the report lists all professional and public service activities of the SRARP staff.

## PART I. CULTURAL RESOURCES MANAGEMENT

### RESULTS OF FY08 SITE USE AND TIMBER COMPARTMENT SURVEYS

#### *Survey Coverage*

Archaeological survey of Site Use Permit Application and Timber Compartment Prescription projects by SRARP staff continued through FY08 according to procedures outlined in 1990 (SRARP 1990:7-17). During FY08, archaeological survey was conducted on 1,664 acres with 2,823 Shovel Test Pits (STPs) for 32 project surveys<sup>1</sup> (Figures 1 - 2). Altogether, 25 new sites were recorded and delineated, and 9 previously recorded sites were revisited during FY08 (Tables 1 - 2). Based on the level of survey sampling conducted at all new and previously recorded sites, adequate information was not obtained for most sites to allow National Register of Historic Places (NRHP) eligibility determinations (Table 3). As these sites are due to be impacted by future undertakings, the SRARP will conduct the appropriate level of archaeological investigation to resolve eligibility determinations. Finally, a total of 14 isolated artifact occurrences was recorded during FY08 surveys (Table 4). Summary information concerning specific aspects of all new and existing sites, as well as isolated artifact occurrences, is provided in Tables 1 - 4.

Over the past 19 years, the SRARP has conducted compliance survey according to a predictive locational model for archaeological sites, as established in the Archaeological Resource Management Plan (SRARP 1989:39-54, 71-79). This Management Plan was developed in agreement with the DOE, the SCSHPO, and the ACHP. The predictive model, with refinements, has proven thus far to be a scientifically sound and efficient method with which to locate and manage archaeological resources on the SRS. Additionally, the predictive model is a cost-effective means of conducting survey—especially in these austere times of federal government financial reductions. For these reasons, the development of predictive models is encouraged by regulatory guidance to federal landholders who manage archaeological resources on a daily basis. In this way, the SRARP primarily functions according to the Section 110 Regulatory process. In using the predictive model, the SRARP surveys are meeting the inventory and management responsibilities outlined in Section 110. If the undertaking could potentially impact archaeological sites, the SRARP follows the 106 Regulatory process of intensive, systematic, shovel test survey to delineate and evaluate the significance of any sites present. Then, if an eligible site cannot be avoided, the SRARP mitigates the adverse effect by way of data recovery through the 106 process.

#### SR-88 Site Use Permit Application Surveys

A total of 26 Site Use Permit Applications was received by the SRARP during FY08. Each Application underwent review by SRARP management for proposed land

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<sup>1</sup> A field survey project is defined as subsurface inspection for a DOE Site Use Application or all subsurface investigations within a US Forest Service-Savannah River Timber Compartment Prescription.

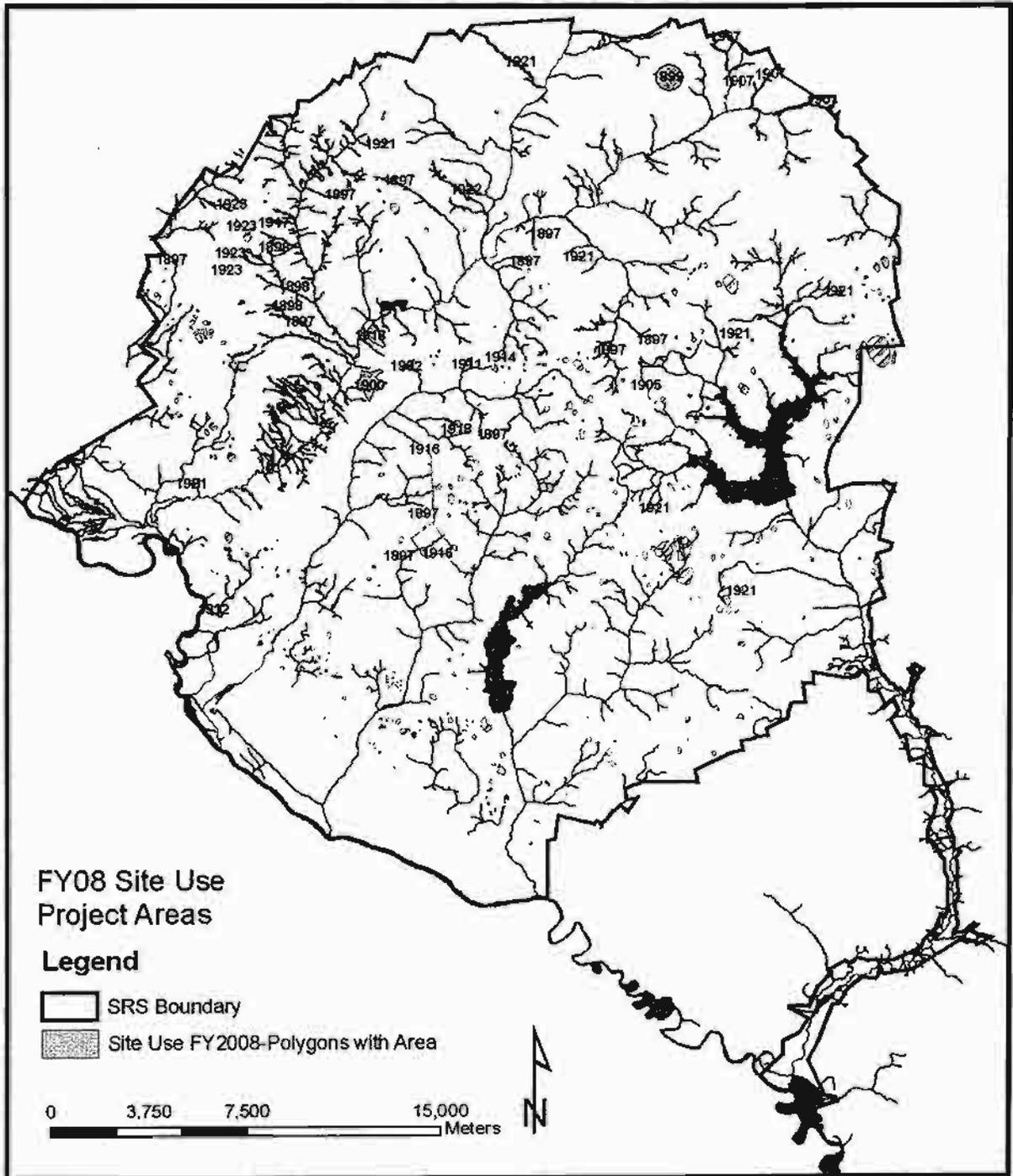


Figure 1. Location of FY08 Site Use project areas on the SRS.

modification. Of these, 16 required archaeological reconnaissance or survey (Table 5). These Site Use projects comprised 245 acres (14.7%) of the total survey coverage in FY08.

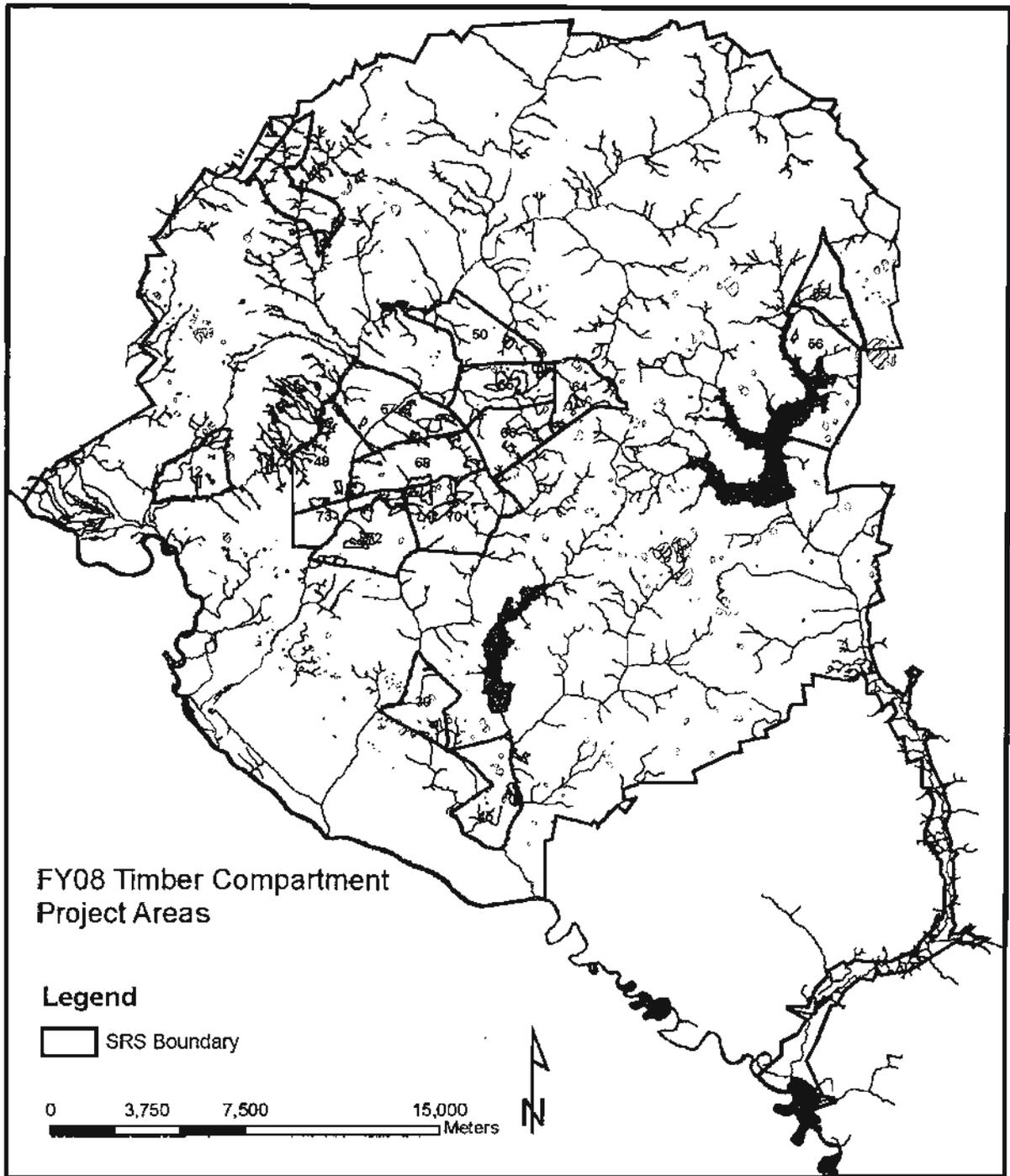


Figure 2. Location of FY08 Timber Compartment project areas on the SRS.

The following summaries describe Site Use projects and survey results during FY08. Certain aspects of archaeological work were standard for all projects. Upon completion of each survey project, point data for all new and previously recorded sites, as well as all isolated artifact occurrences, were recorded using Global Positioning System

Table 1. Data on the Extent, Depth, and Content of New Sites Located in FY08 Survey.

STATE SITE NUMBER	SURVEY PROJECT	SURVEY METHOD	SITE SIZE (m)	SURF. VIS. (%)	SITE DEPTH (cmbs)	# STPs	POS. STPs	COMPONENTS
38AK975	TC 67	Predictive	10 x 20	0	0-70	10	2	Unk. Preh.
38AK976	SU 1907	Predictive	70 x 120	1-25	0-60	26	10	MW
38AK977	SU 1900	Intensive	40 x 110	1-25	0-20	18	3	19 <sup>th</sup> -20 <sup>th</sup> cent.
38AK978	SU 1900	Intensive	20 x 30	26-50	0-10	9	1	19 <sup>th</sup> -20 <sup>th</sup> cent.
38AK979	SU 1900	Intensive	200 x 225	1-25	0-40	171	52	LA, LW, Miss., 19 <sup>th</sup> cent.
38BR1207	TC 67	Predictive	20 x 50	0	0-60	17	5	Unk. Preh.
38BR1208	TC 72	Predictive	20 x 175	0	0-60	23	11	Unk. Preh.
38BR1209	TC 72	Predictive	10 x 40	1-25	0-50	11	3	Unk. Preh.
38BR1212	TC 72	Predictive	20 x 20	1-25	0-20	9	2	Unk. Preh.
38BR1213	TC 64	Predictive	50 x 90	0	0-30	20	8	LA, MW
38BR1214	TC 65	Predictive	100 x 100	1-25	0-20	9	2	20 <sup>th</sup> cent.
38BR1215	TC 65	Predictive	60 x 115	1-25	0-15	18	3	Unk. Preh., 20 <sup>th</sup> cent.
38BR1216	TC 65	Predictive	20 x 30	1-25	0-35	11	3	19 <sup>th</sup> cent.
38BR1217	TC 68	Predictive	40 x 80	0	0-35	9	1	20 <sup>th</sup> cent.
38BR1218	TC 65	Predictive	Unk x Unk	1-25	N/A	1	1	19 <sup>th</sup> -20 <sup>th</sup> cent
38BR1219	TC 65	Predictive	Unk x Unk	1-25	N/A	1	1	19 <sup>th</sup> cent.
38BR1220	TC 68	Predictive	90 x 110	1-25	0-20	15	6	20 <sup>th</sup> cent.
38BR1221	TC 68	Predictive	20 x 40	1-25	0-60	10	2	LW
38BR1222	TC 70	Predictive	50 x 60	1-25	0-35	15	3	20 <sup>th</sup> cent.
38BR1223	TC 70	Predictive	70 x 80	1-25	0	0	0	20 <sup>th</sup> cent.
38BR1224	TC 70	Predictive	40 x 90	0	0-60	18	6	LA
38BR1225	TC 70	Predictive	20 x 20	1-25	0-40	9	1	Unk. Preh.
38BR1226	TC 70	Predictive	25 x 25	0	0-30	9	3	20 <sup>th</sup> cent.
38BR1227	TC 73	Predictive	40 x 170	1-25	0-80	26	13	MW, LW
38BR1228	TC 73	Predictive	25 x 155	1-25	0-80	29	9	MW, LW, 20 <sup>th</sup> cent.
Unk. - Unknown			MA - Middle Archaic			LW - Late Woodland		
SU - Site Use			LA - Late Archaic			Miss. - Mississippian		
STPs - Shovel Test Pits			EW - Early Woodland			Unk. Preh. - Unknown Prehistoric		
EA - Early Archaic			MW - Middle Woodland			Opp. - Opportunistic		

Table 2. Data on the Extent, Depth, and Content of Site Revisits Located in FY08 Surveys.

STATE SITE NUMBER	SURVEY PROJECT	SURVEY METHOD	SITE SIZE (m)	SURF. VIS. (%)	SITE DEPTH (cmbs)	# STPs	POS. STPs	COMPONENTS
38AK338	SU 1870	Intensive	80 x 180	1-25	0	0	0	LW, 19 <sup>th</sup> cent.
38AK420	SU 1870	Intensive	70 x 270	1-25	0-100	27	16	LW, 19 <sup>th</sup> cent.
38AK424	SU 1900	Intensive	30 x 60	1-25	0-30	20	5	19 <sup>th</sup> cent.
38AK425	SU 1900	Intensive	20 x 20	0	0-60	17	4	Unk. Preh.
38AK829	SU 1900	Intensive	10 x 30	1-25	0-20	1	1	20 <sup>th</sup> cent.
38BR241	TC 55	Predictive	130 x 150	1-25	0-20	17	2	20 <sup>th</sup> cent.
38BR813	TC 64	Predictive	35 x 240	1-25	0-90	7	5	Miss.
38BR1008	TC 67	Predictive	30 x 40	NR	0-60	5	1	Unk. Preh.
38BR1025	TC 72	Predictive	60 x 110	26-50	NR	9	1	20 <sup>th</sup> cent.
Unk. - Unknown			MA - Middle Archaic			LW - Late Woodland		
SU - Site Use			LA - Late Archaic			Miss. - Mississippian		
STPs - Shovel Test Pits			EW - Early Woodland			Unk. Preh. - Unknown Prehistoric		
EA - Early Archaic			MW - Middle Woodland			NR - Not Recorded		

Table 3. Evaluation and Recommendations for New and Previously Recorded Sites, FY08.

SITE NUMBER	SURVEY PROJECT	SURVEY METHOD	SITE COMPONENTS	SITE INTEGRITY	NRHP ELIGIBILITY	FURTHER WORK
38AK975	TC 67	Predictive	Unk. Preh.	Moderate	Indeterminate	Testing
38AK976	SU 1907	Predictive	MW	Moderate	Indeterminate	Testing
38AK977	SU 1900	Intensive	19 <sup>th</sup> -20 <sup>th</sup> cent.	Poor	Not Eligible	Testing
38AK978	SU 1900	Intensive	19 <sup>th</sup> -20 <sup>th</sup> cent.	Poor	Not Eligible	Testing
38AK979	SU 1900	Intensive	LA, LW, Miss., 19 <sup>th</sup> cent.	Moderate	Indeterminate	Testing
38BR1207	TC 67	Predictive	Unk. Preh.	Moderate	Indeterminate	Testing
38BR1208	TC 72	Predictive	Unk. Preh.	Moderate	Indeterminate	Testing
38BR1209	TC 72	Predictive	Unk. Preh.	Moderate	Indeterminate	Testing
38BR1212	TC 72	Predictive	Unk. Preh.	Moderate	Indeterminate	Testing
38BR1213	TC 64	Predictive	LA, MW	Moderate	Indeterminate	Testing
38BR1214	TC 65	Predictive	20 <sup>th</sup> cent.	Poor	Indeterminate	Testing
38BR1215	TC 65	Predictive	Unk. Preh., 20 <sup>th</sup> cent.	Poor	Indeterminate	Testing
38BR1216	TC 65	Predictive	19 <sup>th</sup> cent.	Moderate	Indeterminate	Testing
38BR1217	TC 68	Predictive	20 <sup>th</sup> cent.	Moderate	Indeterminate	Testing
38BR1218	TC 65	Predictive	19 <sup>th</sup> -20 <sup>th</sup> cent.	Moderate	Indeterminate	Testing
38BR1219	TC 65	Predictive	19 <sup>th</sup> cent.	Moderate	Indeterminate	Testing
38BR1220	TC 68	Predictive	20 <sup>th</sup> cent.	Moderate	Indeterminate	Testing
38BR1221	TC 68	Predictive	LW	Moderate	Indeterminate	Testing
38BR1222	TC 70	Predictive	20 <sup>th</sup> cent.	Moderate	Indeterminate	Testing
38BR1223	TC 70	Predictive	20 <sup>th</sup> cent.	Moderate	Indeterminate	Testing
38BR1224	TC 70	Predictive	LA	Moderate	Indeterminate	Testing
38BR1225	TC 70	Predictive	Unk. Preh.	Moderate	Indeterminate	Testing
38BR1226	TC 70	Predictive	20 <sup>th</sup> cent.	Moderate	Indeterminate	Testing
38BR1227	TC 73	Predictive	MW, LW	Moderate	Indeterminate	Testing
38BR1228	TC 73	Predictive	MW, LW, 20 <sup>th</sup> cent.	Moderate	Indeterminate	Testing
38AK338	SU 1870	Intensive	LW, 19 <sup>th</sup> cent.	Moderate	Indeterminate	Testing
38AK420	SU 1870	Intensive	LW, 19 <sup>th</sup> cent.	Moderate	Indeterminate	Testing
38AK424	SU 1900	Intensive	19 <sup>th</sup> cent.	Poor	Not Eligible	None
38AK425	SU 1900	Intensive	Unk. Preh.	Moderate	Not Eligible	None
38AK829	SU 1900	Intensive	20 <sup>th</sup> cent.	Poor	Not Eligible	None
38BR241	TC 55	Predictive	20 <sup>th</sup> cent.	Poor	Indeterminate	Testing
38BR813	TC 64	Predictive	Miss.	Moderate	Indeterminate	Testing
38BR1008	TC 67	Predictive	Unk. Preh.	Moderate	Indeterminate	Testing
38BR1025	TC 72	Predictive	20 <sup>th</sup> cent.	Poor	Indeterminate	Testing

TC - Timber Compartment

SU - Site Use

Opp. - Opportunistic

EA - Early Archaic

MA - Middle Archaic

LA - Late Archaic

EW - Early Woodland

MW - Middle Woodland

LW - Late Woodland

Miss. - Mississippian

Unk. Preh. - Unknown Prehistoric

Unk. Hist. - Unknown Historic

Table 4. Isolated Artifact Occurrences Located in FY08 Surveys.

ISOLATED FIND NO.	STPs	COMPONENT	SURVEY PROJECT
AKOCC-121	6	Prehistoric	SU 1907
AKOCC-122	8	Prehistoric	SU 1907
AKOCC-123	16	Prehistoric	SU 1900
AKOCC-124	16	Prehistoric	SU 1900
AKOCC-125	16	Prehistoric	SU 1900
BROCC-235	8	Prehistoric	TC 64 STD 27
BROCC-236	8	Historic	TC 64 STD 27
BROCC-237	8	Prehistoric	TC 64 STD 11
BROCC-238	8	Prehistoric	TC 67 STD 14

Table 4. Isolated Artifact Occurrences Located in FY08 Surveys (continued).

ISOLATED FIND NO.	STPs	COMPONENT	SURVEY PROJECT
BROCC-239	8	Prehistoric	TC 65 STD 79
BROCC-240	8	Prehistoric	TC 66 STD 08
BROCC-241	8	Prehistoric	TC 66 STD 08
BROCC-242	8	Prehistoric	TC 68 STD 22
BROCC-252	8	Prehistoric	TC 48 STD 66
OCC - Artifact Occurrence		SU - Site Use	
TC - Timber Compartment		STD - Timber Stand	

(GPS) equipment. Prior to all fieldwork, a review of 1951 aerial photographs was conducted to identify extant historic structures at the time of federal acquisition. The SRARP site files were consulted to identify previously recorded cultural resources. All STPs measured 35 x 35 cm and were excavated to a depth of at least 80 cm below surface (cmbs), unless a gravel or clay substratum was encountered first. Exceptions to this fieldwork procedure included historic site locations identified from 1951 aerial photographs that were situated in low-probability areas for prehistoric sites (see discussion of Archaeological Sensitivity Zones in SRARP 1989). At these locations, STPs were excavated to just below the plowzone (usually between 20 - 40 cmbs). The reduced depth of STPs on historic sites is justified because late-period historic sites generally lack thick, stratified deposits (Cabak and Inkrot 1997:29-31). The soil from STPs was sifted through a 0.25-in. wire mesh, and artifacts were collected and bagged by provenience.

Table 5. SR-88 Site Use Application Projects, FY08.

PROJECT	TOTAL PROJECT STPs	PROJECT AREA SURVEYED (ac)	NEW SITES	SITE REVISITS
SU Log No. 1897	8	1		
SU Log No. 1898	na	na		
SU Log No. 1899	18	2		
SU Log No. 1900	731	164	38AK977 38AK978 38AK979	38AK424 38AK425 38AK829
SU Log No. 1902	na	na		
SU Log No. 1905	na	na		
SU Log No. 1907	38	na	38AK976	
SU Log No. 1911	na	na		
SU Log No. 1912	9	1		
SU Log No. 1914	na	na		
SU Log No. 1916	32	na		
SU Log No. 1917	4	<1		
SU Log No. 1918	366	75		
SU Log No. 1921	na	na		
SU Log No. 1922	12	1		
SU Log No. 1923	na	na		
TOTALS	1218	245	4	3

na - not applicable

#### *SU Log No. 1897 - Wildlife Food Plots for Fawn Mortality Research*

This Site Use Permit, issued on August 29, 2007 by the United States Forest Service-Savannah River (USFS-SR), requested 12 small-sized land tracts (less than 0.5 acre each) to be used as wildlife food plots for the study of fawn mortality on the SRS

(Figures 3 and 4). Land disturbance involved vegetation removal and soil disking. Review of the SRARP database showed that two of the food plot areas (Nos. 3 and 9) had undergone previous survey. One previously recorded site (38AK827), discovered during survey in FY01 (SRARP 2001:13-14), was located in Plot 3. Site 38AK827 is a mid-20th-century homeplace with poor archaeological integrity due to early land disturbance activities on the SRS. As such, 38AK827 is not eligible for inclusion in the NRHP (SRARP 2001:Table 4). The area encompassing Plot 9 was previously inspected during survey of Timber Compartment 58, Stand 13 (SRARP 2000:48), and no archeological sites were reported for the current Site Use footprint.

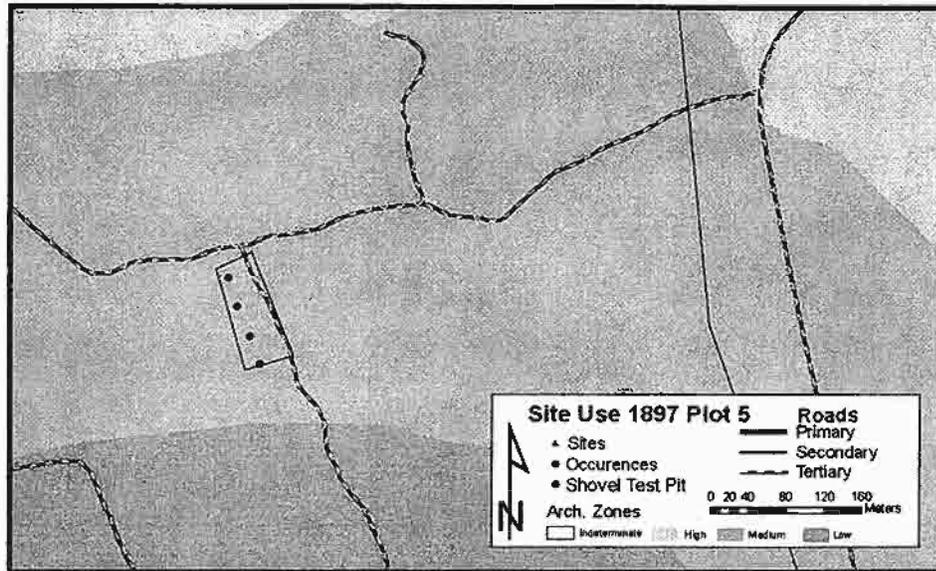


Figure 3. SU Log No. 1897, Plot 5 survey area.

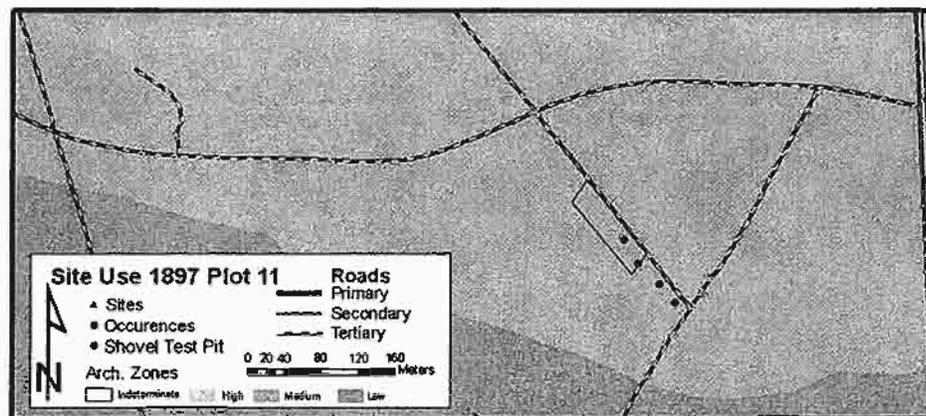


Figure 4. SU Log No. 1897, Plot 11 survey area.

A field reconnaissance was conducted of the remaining food plot locations to determine the level of previous land disturbance, if any, to these project areas. With the exception of Plots 5 and 11, all other areas were found to have been affected to some degree by past SRS ground disturbing activities, primarily including clearing and grading

for Transmission Line corridors or trenching for buried cable powerlines. Fieldwork involved the excavation of 8 STPs (0 positive) along 2 transects within the project areas. As these efforts resulted in only negative STPs, no further archaeological work was necessary in the project areas requiring survey.

*SU Log No. 1898 – Installation of Groundwater Monitoring Wells*

This Site Use Permit, initiated on September 4, 2007 by the Soil and Groundwater Closure Project (SGCP), proposed the installation of 11 groundwater monitoring wells in 7 different areas. Field reconnaissance determined that the proposed locations for the groundwater wells were along a major SRS highway right-of-way zone previously disturbed during original road construction. No further archaeological work was required.

*SU Log No. 1899 – Installation of Ameriflux Scaffold Tower Structure*

This Site Use Permit, initiated by the Savannah River National Laboratory (SRNL) on September 11, 2007, proposed the construction of a scaffold tower structure on a 2-acre tract within a 1-km buffer area to measure net ecosystem exchange of carbon dioxide and related scientific experiments (Figure 5). Review of the SRARP database showed no previously recorded sites in the project area. Fieldwork involved the excavation of 18 STPs (0 positive) along 3 transects on a 30-m grid across the project area. As these efforts resulted in only negative STPs, no further archaeological work was necessary in the project area.

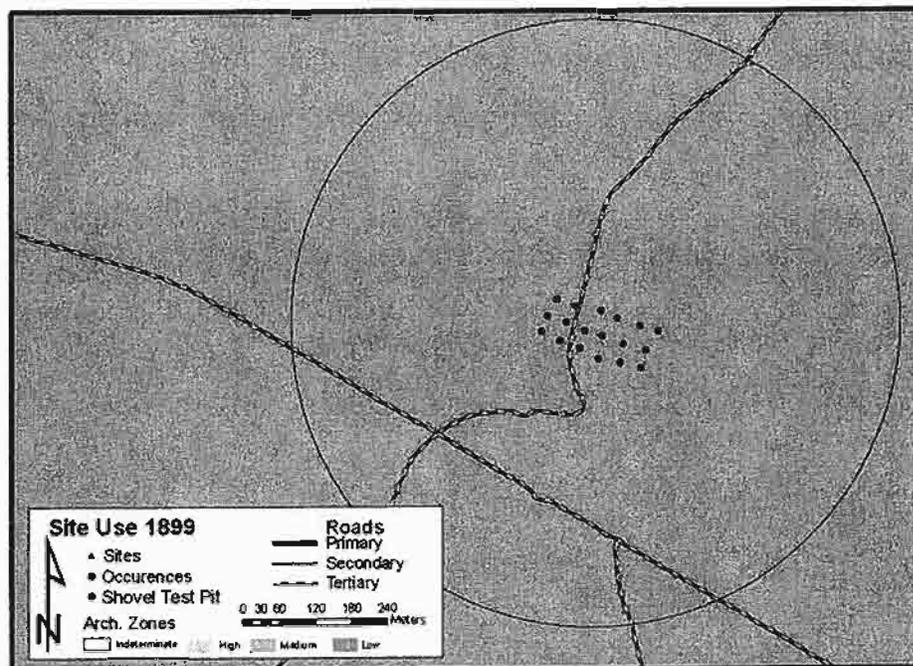


Figure 5. SU Log No. 1899 survey area.