



U.S. Army Corps  
of Engineers  
Huntsville Center

Branch Chief  
256-895-1795  
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# Geotechnical Branch

**RELEVANT  
READY  
RESPONSIVE  
RELIABLE**

*Proudly serving the Armed Forces and  
the Nation now and in the future.*

Public Affairs Office 256-895-1693  
<http://www.hnd.usace.army.mil>

## What we do

The Geotechnical Branch provides subject matter experts on the full range of geotechnical and geophysical aspects of our supported programs:

### ***Military Munitions Response Program***

- Plan or provide site investigations
- Provide technical oversight of response actions
- Plan and provide auditable quality assurance
- Plan, direct, perform and evaluate geophysical investigations
- Plan, perform and interpret underwater geophysical surveys

### ***Geotechnical Designs***

- Provide foundation design and analysis
- Provide soil dynamic analysis
- Provide interpretations of geotechnical data

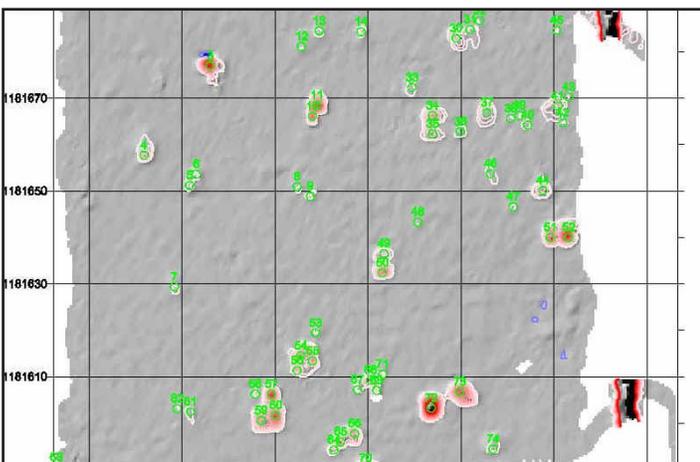


Technicians do geophysical mapping using an EM61.

- Plan soil laboratory testing requirements
- Plan and implement Earthwork Quality Assurance Program
- Provide earthwork requirements
- Provide advice regarding geotechnical problems
- Plan, direct and perform geotechnical subsurface investigations

### ***Environmental***

- Plan, provide or oversee groundwater studies
- Provide assistance to source selection boards
- Review recommended remedial alternatives and other environmental studies
- Plan laboratory testing requirements
- Provide interpretations of environmental data, geology and hydrogeology
- Prepare technical scopes of work
- Provide input to independent government estimates
- Provide technical input to support cost to complete estimates



This geophysical anomaly map shows potential ordnance locations.

## Product Lines

- Chemical Demilitarization
- National Missile Defense
- Military Munitions Response
  - Conventional Ordnance and Recovered Chemical Warfare Materiel
- Installation Support
  - Range and Training Land Program
  - Environmental Studies
- Hazardous, Toxic and Radioactive Waste Cleanup
- Advanced Technology Demonstration and Implementation

## Huntsville Center's Technical Capabilities

The Center provides engineering and technical services at a competitive cost to support programs such as the destruction of the nation's aging chemical weapons; cleanup of formerly used defense sites; design, construction and maintenance of military training ranges; and upgrades to military hospitals. The specialized engineering expertise required to execute these programs is leveraged through the use of emerging innovative technology including geophysical systems, geographical information systems and global positioning system applications.



Geophysicists perform environmental soil sampling at a project site.



As part of a discrimination study sponsored by the Environmental Security Technology Certification Program, a researcher with Sky Research Inc. uses the EM63 with a fiberglass platform to determine the details of buried items at former Camp Sibert, Ala.

## Contact Information

### Points of Contact

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