

**CHAPTER A-0
Part 1**

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GEOTECHNICAL

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GEOTECHNICAL

1.1 GENERAL

The Geotechnical and HTRW Branch is responsible for all related activities in the areas of foundation design, soil mechanics, and geotechnical engineering, including laboratory and field subsurface investigations, as well as executing Engineering Division work related to hazardous, toxic and radioactive waste (HTRW). The Branch consists of three Sections; Soils Section (CESAS-EN-GS), Geology/Hydrogeology and HTRW Design Section (CESAS-EN-GG), and Hazardous, Toxic and Radioactive Waste Section (CESAS-EN-GH). The Geology/Hydrogeology and HTRW Design Section contains a field investigation component, Explorations Unit, with capabilities to perform field and subsurface investigations and sampling. The Soils Section maintains a materials laboratory, Environmental and Materials Unit, with capabilities to perform testing on soils, aggregate, asphalt, concrete, and other miscellaneous materials. Most of the interface between the Branch and the Architect-Engineer (A-E) firms with whom the Savannah District contracts will be with the Soils Section.

1.2 GEOTECHNICAL REPORT

The Savannah District will generally provide to the A-E all foundation investigations and subsurface data required for the design of the project. This data will set forth site-specific geotechnical technical requirements for the project. It will be the responsibility of the A-E to incorporate these features and to use the furnished parameters and guidance in their design of the structure foundations and site work. The Specific Instructions portion of the contract will inform the A-E if the Government will furnish geotechnical data.

1.3 RESPONSIBILITY OF SECTIONS

The Soils Section will generally be involved on all projects involving site and/or soils work and interface with the A-E's by preparing and furnishing scopes of work and geotechnical reports and reviewing design submittals. Generally, A-E firms will not have any direct contact with the Geology/Hydrogeology and HTRW Design Section or the Hazardous, Toxic and Radioactive Waste Section; however, in the case of specialized jobs such as those that may involve installation of wells, rock excavation, groundwater monitoring, quarry sources, HTRW, or ordnance/explosives (OE) programs, some interaction should be expected. This contact will be handled in the same manner as any other discipline.

1.4 SUBSURFACE INVESTIGATIONS

The Geotechnical and HTRW Branch maintains its own in-house subsurface investigation capabilities. It is Branch policy to conduct field and laboratory investigations with Corps of Engineers' forces and provide the data to the A-E for their use.

1.5 COORDINATION

While some direct contact between the A-E and Branch Sections are necessary, all communications should flow through the Military Branch Project Manager. In cases where direct contact is needed, conversations or teleconferences shall be documented and provided to the Project Manager to include with project records.

*** End of Section ***