

**CHAPTER A-0  
Part 1**

**GEOTECHNICAL**

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## CHAPTER B-1

### GEOTECHNICAL

1.1 **GENERAL.** The Geotechnical and Materials Branch is responsible for the performance of all design and design related activities in the areas of site design, soils and foundation design, and geologic design including field subsurface investigations. The Branch consists of two Sections, each responsible for one of the areas mentioned above. The Sections within the Branch are; Soils Section (CESAS-EN-GS), and Geology Section (CESAS-EN-GG). The Geology Section contains a field investigation unit, Explorations Unit, which is responsible for the performance of all field and subsurface investigations and sampling. Most of the interface between the Architect-Engineer (A-E) firms with whom the Savannah District contracts will be with the Site Development Section, Design Branch and the Soils Section, Geotechnical and Materials Branch. The mission of these organizations is described in CHAPTERS B-2.

1.2 **FOUNDATION 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 be contained in a Foundation Report which will set forth site-specific geotechnical technical requirements and 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 his design of the structure foundations and site work. Appendix A of the A-E contract will inform the A-E whether or not the Government will furnish the foundation data.

1.3 **RESPONSIBILITY OF SECTIONS.** The Site Development and Soils Sections will generally be involved on all A-E jobs involving any site and/or soils work. These organizations will interface with the A-E's by preparation of scopes of work for their respective disciplines, preparation and furnishing of foundation reports, and the review of various design submittals. Generally, the A-E firms will not have any direct contact with the Geology Section; however, in the case of specialized jobs such as those that may involve installation of wells, rock excavation, groundwater monitoring, or quarry sources, some interface should be expected. This contact will be handled in the same manner as any other discipline.

1.4 **SUBSURFACE INVESTIGATIONS.** The Geotechnical and Materials Branch, Geology Section, maintains its own in-house subsurface capability. It is Branch policy to conduct field 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 one of the Branch Sections is necessary from time to time, all communications should flow through the Military Branch Project Manager. In cases where direct contact is needed, document the conversation or teleconference and provide copy via e-mail or memo to the Project Manager for the project records.