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Naval Facilities Command Southeast (NAVFAC SE)

SECURITY ENCLAVE

NAVAL SUBMARINE BASE KINGS BAY



**Client**

US Navy (NAVFAC SE)

URS Group, Inc.  
Charlie Evans, P.E.  
(813) 286-1711

**Location**

Kings Bay, GA

**Service(s)**

Geotechnical Engineering

**Project Engineer(s)**

Bruce Khosrozadeh, PE  
Carlos E. Cepero, PE

This project consisted of geotechnical exploration for a new section of the Perimeter Intrusion Detection and Assessment System (PIDAS). The PIDAS traversed approximately two miles over land, 3,000 feet along a salt water marsh, a channel, and 2-1/2 miles on an island. The base is the east coast homeport for the venerable Ohio-class nuclear powered ballistic missile (SSBN) and reconfigured guided missile (SSGN) submarines. The base is the only one on the east coast capable of handling Trident II D-5 missiles and it serves as a key partner in the fleet's submarine and ship launched Tomahawk Cruise Missile program. Given its sensitivity, Kings Base Submarine base is highly secured, requiring a **high degree of coordination between our personnel and on-base personnel** from multiple departments. Several areas of the base were highly restricted, some requiring escorts, personnel being interrupted and questioned by base security, unannounced security drills and exercises, and other on-base daily activities that could and did cause work stoppage at any given time without prior notice. The geotechnical work was performed under these conditions, often in difficult terrain, including highly wooded areas with very limited access and marsh terrain typically swamp-like, with a very demanding time schedule. CSI Geo met the time schedule by designating two full-time on-site supervisors, a security coordinator, and by mobilizing and managing a barge, an airboat, a support boat, an amphibious rig, two all-terrain drill rigs, and two truck mounted drill rigs which worked in 10 day shifts. Our adherence to the security directives, combined with our ability to mobilize, supervise, and manage multiple crews and drill rigs resulted in completing the entire work in a very **short time frame and ahead of schedule.**

**CSI Geo, Inc.**

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