

## Geotechnical FAC Conference Call

October 17, 2002, 10:00 CST

### Participants:

Glenn Kato, TAC

Pat Conroy, MVS

Jean McGinn, HQ

We had just 3 participants, and had an interesting historical review of Geotechnical Boring Log generation and databases from Pat's perspective.

Pat worked in St. Louis District in GT doing Civil Works projects for many years. Boring Log plotting for years

Worked with InSitu, which was developed primarily for rock. They needed a cheaper faster product so Keith Nash put together BLDM

With BLDM a user input the data that could export a file that InSitu could read.

BLDM was written in C code. It was compiled it with Db3 and Intergraph CAD Library. This worked well in the 1990's and is DOS based. Windows2000 desktop cannot run it.

In Pat's experience noticed on other vendors, don't store the data in a database.

BLDM has 2 databases one has the general structure and the other has the soil samples. I output directory to MicroStation format. It produces 11 borings on the 2d design plane, uses the COE unified classification system and was meant to be a feeder to InSitu.

In the past the COE has developed good products but did not fund maintenance and growth of the products. Products developed by the COE for the COE WinIDP Jim Brown may be good.

Pat will send me a couple of BLDM examples and Jean McGinn will ask ERDC for the old 1998 database report.

Pat will also look at the current Geotechnical database project to see if anything jumps out from his past experience.

Glenn Kato